

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX1 CHASSIS

| <u>MODEL NAME</u> | <u>REMOTE COMMANDER</u> | <u>DESTINATION</u> |
|--------------------|-------------------------|--------------------|
| KDL-46V4100 | RM-YD023 | US |
| KDL-46V4100 | RM-YD023 | CANADA |
| KDL-46V4100 | RM-YD023 | MEXICO |
| KDL-46V4100 | RM-YD023 | LATIN AMERICA |

ORIGINAL MANUAL ISSUE DATE: 5/2008

REVISION DATE

SUBJECT

5/2008

No revisions or updates are applicable at this time.

LCD DIGITAL COLOR TELEVISION

SONY®

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KDL-46V4100



RM-YD023

LCD DIGITAL COLOR TELEVISION

SONY®

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)

In Use (Max) 260W

In Standby Less than 0.1W

VIDEO (IN) 1/2/3:

S Video (4-Pin Mini DIN (VIDEO 1 Only))

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (Typical)

Impedance: 47 kilohms

COMPONENT IN 1/2:

Y_PB_PR_P (Component Video)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

P_B: 0.7 Vp-p, 75 ohms

P_R: 0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (Typical)

Impedance: 47 kilohms

HDMI IN 1/2/3/4:

HDMI: Video: 480i, 480p, 720p, 1080i, 1080p, 1080/24p

Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital

AUDIO (for HDMI IN 4):

500 mVrms (Typical)

Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (Typical)

DIGITAL OUT (OPTICAL):

Optical Digital Audio Output (PCM/Dolby digital)

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:


Stereo mini jack, 500 mVrms (Typical)

Impedance: 47 kilohms

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Ferguson Patent Properties, LLC:
U.S. Patent No. 5,717,422
U.S. Patent No. 6,816,141

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Design and specifications are subject to change without notice.

| KDL-46V4100 | |
|--|--|
| Speaker Output | 10W+10W |
| | 65 X 150 mm 2 ^{1/2} x 5 ^{7/8} in |
| Dimensions (W x H x D) with stand | mm in |
| | 1,120 x 782 x 307 mm 44 ^{1/8} x 30 ^{7/8} x 12 ^{1/8} in |
| | without stand |
| without stand | mm in |
| | 1,120 x 742 x 115 mm 44 ^{1/8} x 29 ^{1/4} x 4 ^{5/8} in |
| wall-mount hole pattern | |
| 300 x 300 mm | |
| Mass with stand | kg lbs |
| | 30 kg 67 lbs |
| without stand | kg lbs |
| | 26 kg 58 lbs |

All measurements are approximations.

Television system

NTSC American TV Standard
 ATSC (8VSB terrestrial) ATSC compliant 8VSB
 QAM on cable ANSI/SCTE 07 2000

Channel coverage

Analog
 2-69 Terrestrial
 1-135 Cable
 Digital
 2-69 Terrestrial
 1-135 Cable

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

~ 46 inches

Supplied Accessories

Remote Commander RM-YD023
 Two Size AA (R6) Batteries
 AC Power Cord
 Cable Holder (1 attached to the TV)
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Online Registration Card
 Safety and Regulatory Booklet
 Attaching the Table-Top Stand
 Installing the Wall-Mount Bracket

Optional Accessories

Connecting Cables
 Support Belt Kit
 Wall-Mount Bracket
 SU-WL500
 TV-Stand
 WS-S10LS
 SU-FL300M
 SU-FL300L

WARNINGS AND CAUTIONS - ENGLISH

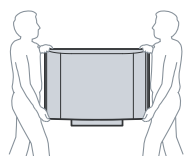
CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

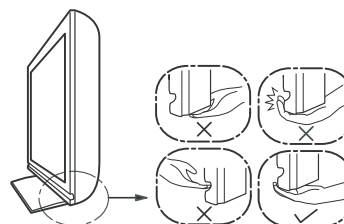
CARRYING THE TV

Be sure to follow these guidelines to protect your property and avoid causing serious injury.

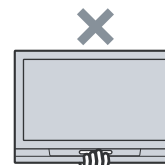
- Before carrying the TV, disconnect all cables.
- Carrying the large size TV requires two or more people.
- When carrying the TV, place your hand as illustrated and hold it securely. Do not subject the TV to shocks, vibration, or excessive force.



- Lift the TV by placing your palm directly underneath the panel but do not:
 - squeeze the speaker grill area
 - place your fingers in the groove above the speaker grill area
 - put stress on the LCD panel.



- Do not lift the TV from the bottom center.



WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.



SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

WARNINGS AND CAUTIONS - FRENCH

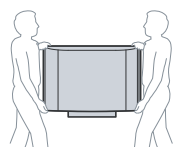
ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

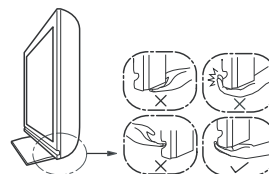
POUR TRANSPORTER LE TÉLÉVISEUR

Assurez-vous de suivre les consignes suivantes pour protéger votre bien et éviter les blessures graves.

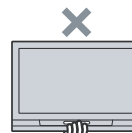
- Avant de transporter le téléviseur, débranchez tous les câbles.
- Le transport d'un téléviseur de grande taille doit être effectué par au moins deux personnes.
- Lorsque vous transportez le téléviseur, placez vos mains tel qu'illustré et tenez solidement l'appareil. Ne soumettez pas le téléviseur à des chocs ou à des vibrations, ni à une force excessive.



- Soulevez le téléviseur en plaçant la paume de votre main directement en dessous du panneau, mais :
 - n'appuyez pas sur la région de la grille de haut-parleur
 - ne placez pas vos doigts dans le sillon au-dessus de la région de la grille de haut-parleur
 - n'imposez pas de charge sur le panneau ACL.



- ne soulevez pas le téléviseur en plaçant vos mains en dessous au centre.



Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.



ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque ⚠ sur les schémas de principe, les vues explosées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and \triangle mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

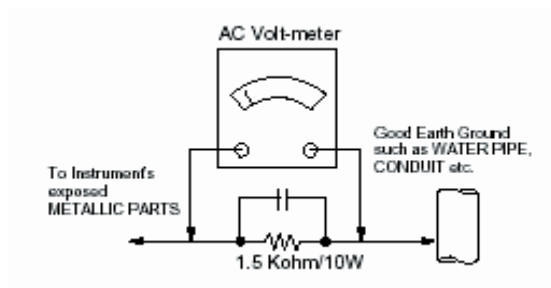
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

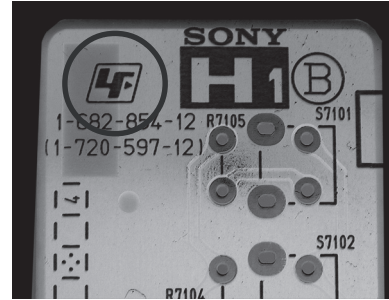
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- avoid contact with water. It may cause a short circuit within the module.
- disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit.
(High voltage occurs at the inverter circuit at 650Vrms.)
- always clean the LCD panel with a soft cloth material.
- use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

| Part number | Diameter | Remarks |
|--------------|----------|---------|
| 7-640-005-19 | 0.3mm | 0.25Kg |
| 7-640-005-20 | 0.4mm | 0.50Kg |
| 7-640-005-21 | 0.5mm | 0.50Kg |
| 7-640-005-22 | 0.6mm | 0.25Kg |
| 7-640-005-23 | 0.8mm | 1.00Kg |
| 7-640-005-24 | 1.0mm | 1.00Kg |
| 7-640-005-25 | 1.2mm | 1.00Kg |
| 7-640-005-26 | 1.6mm | 1.00Kg |

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

Leakage Test

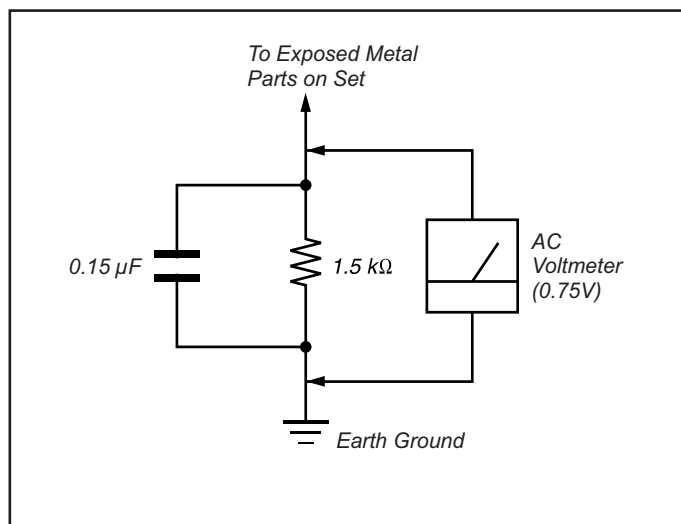


Figure A. Using an AC voltmeter to check AC leakage.

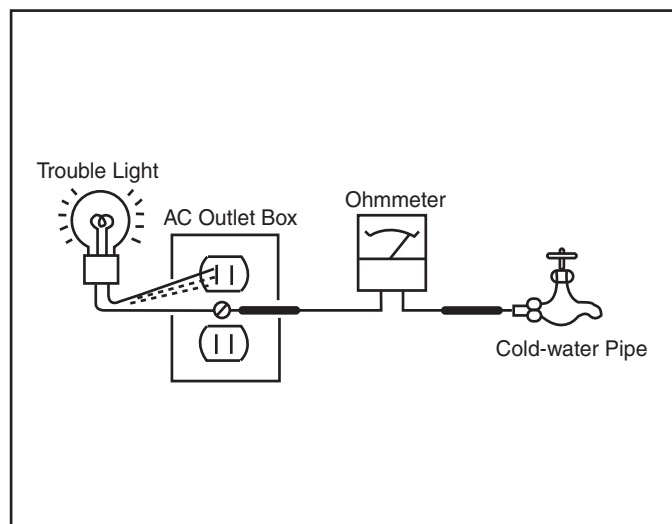


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

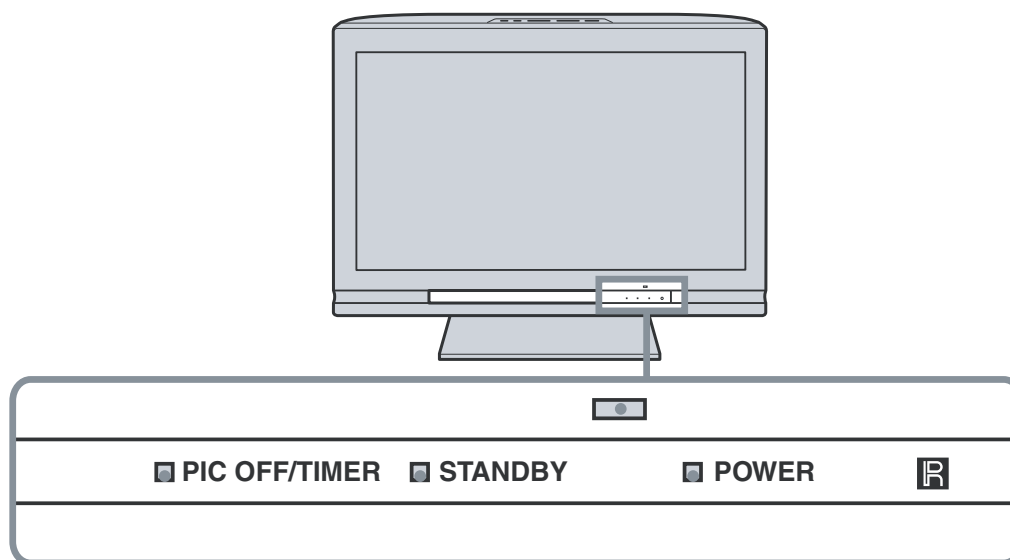


The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

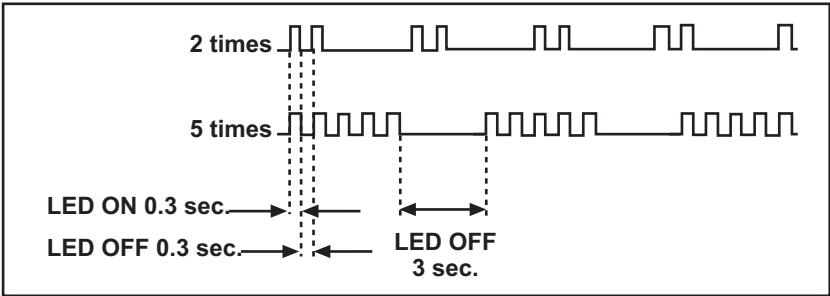
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

Control Buttons



Description of LED Indicators

| LED | LED Type | Description |
|--------------------------|------------------------|---|
| POWER LED | Green LED | * Light when the TV set is on |
| STANDBY LED | Red LED | * Lights up in red when TV is in PC standby mode. * If LED blinks continuously, this may indicate that the TV needs servicing. |
| PIC OFF/ TIMER LED | Green or Orange LED | * Lights up in green when Picture Off is activated * Lights up in orange when the timer is set When timer is set, the LED remains lit even when the TV is turned off. |



Viewing the Self Check Diagnostic List

- 1. TV must be in standby mode. (Power off).
- 2. Press the following buttons on the Remote Commander within a second of each other:
[DISPLAY] → Channel [5] → Volume [-] → [TV POWER].
The Self Check list displays. ↑ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

NOTE: If the Self Check display text is not completely visible, press the Menu [HOME] button on the Remote Commander to refresh the display.

| SELF CHECK | | PAGE 1 |
|-------------------------|-------------------|--------|
| 002 | MAIN_POWER | 01 |
| 003 | DC_ALERT1 | 00 |
| 005 | PANEL_ALERT | 00 |
| 006 | BACKLIGHT | 00 |
| 013 | BACKLIGHT_BALANCE | 00 |
| 00001 00027 00009 00000 | | |

← 1 indicates an error was detected
← 0 indicates no error was detected

- 3. Press the Channel [1] button on the Remote Commander to go to Page 2 of the Self Check list.

| SELF CHECK | | PAGE 2 |
|-------------------------|------------|--------|
| 007 | TEMP | 00 |
| 008 | SP_PROT | 00 |
| 011 | TRIDENT_IC | 00 |
| 012 | HFR_ERROR | 00 |
| 012 | TCON_ERROR | 00 |
| 00001 00027 00009 00000 | | |

- 4. Press the Channel [4] button on the Remote Commander to go back to Page 1 of the Self Check list.
- 5. To exit Self Check display, turn the power off.

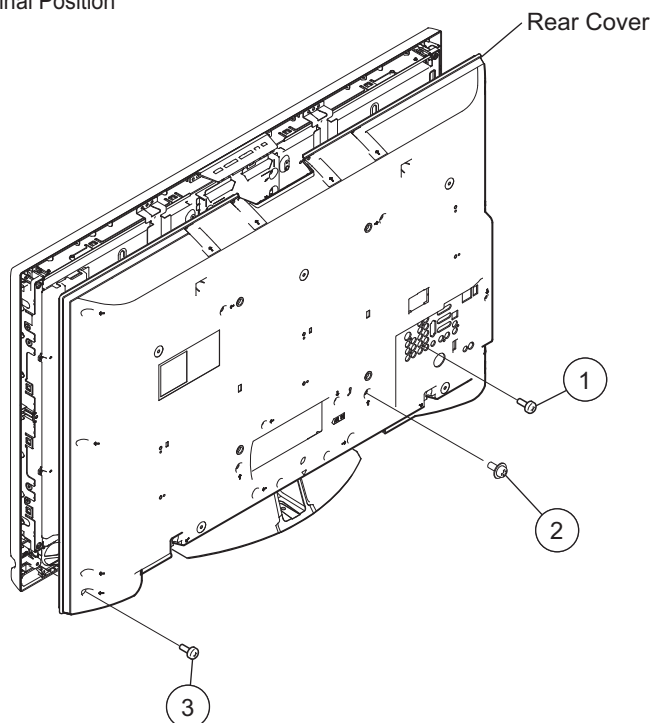
Clearing the Self Check Diagnostic List

- 1. In Service Mode, press the Channel [8] → Channel [0].

SECTION 1: DISASSEMBLY

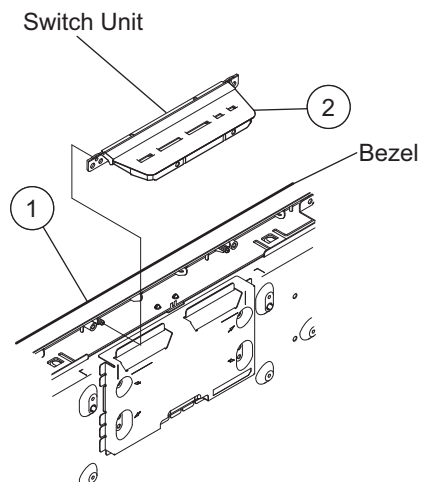
1-1. REAR COVER REMOVAL

- ① Remove 2 screws from Terminal Position
- ② Remove 6 screws
- ③ Remove 21 screws



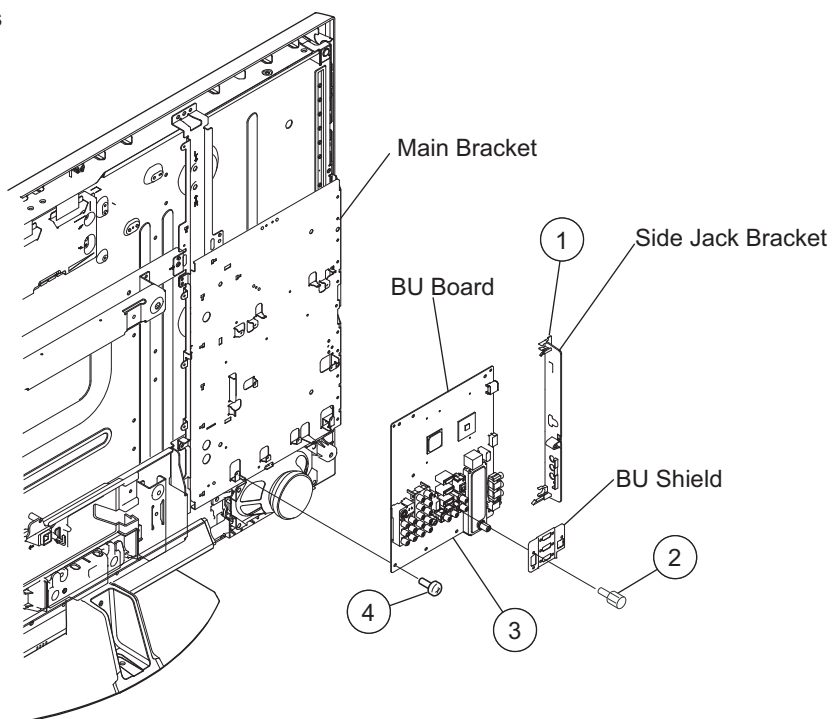
1-2. SWITCH UNIT REMOVAL (CONTAINS H1 BOARD)

- ① Remove from bezel
- ② Disconnect 1 connector



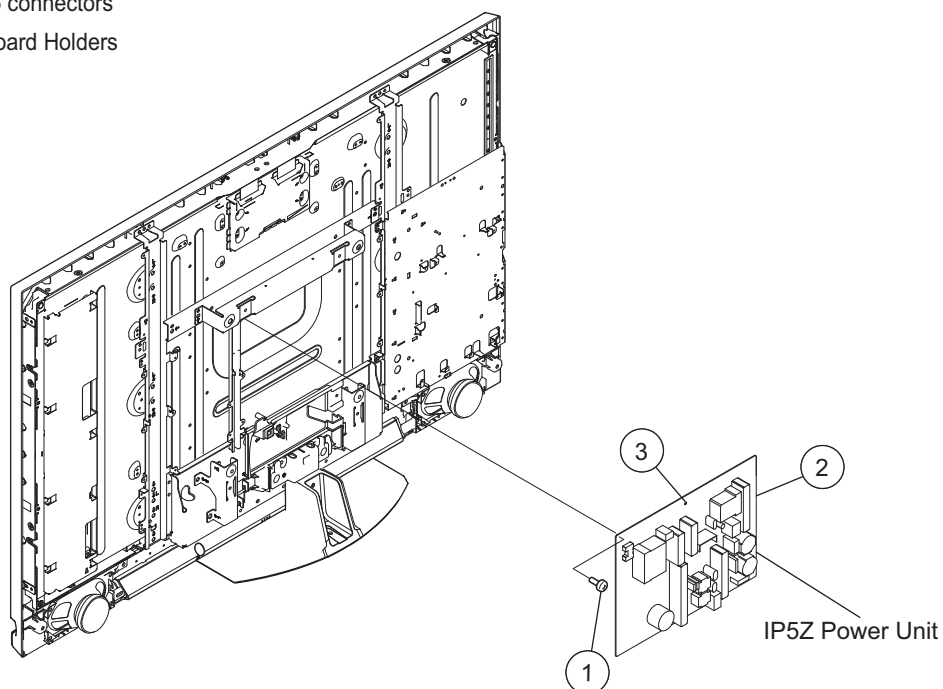
1-3. SIDE JACK BRACKET, BU SHIELD, AND BU BOARD REMOVAL

- ① Release hook and slide out Side Jack Bracket from BU Board
- ② Remove 2 HEX screws
- ③ Disconnect 6 connectors
- ④ Remove 9 screws



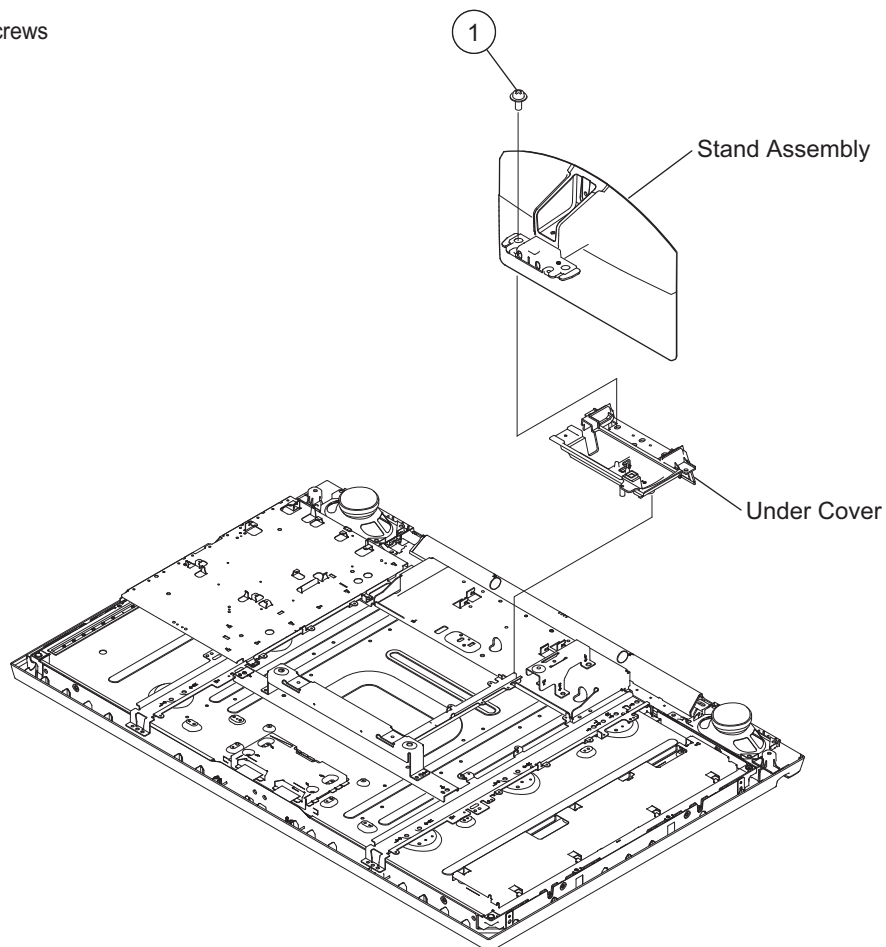
1-4. IP5Z BOARD (POWER UNIT) REMOVAL

- ① Remove 6 screws
- ② Disconnect 5 connectors
- ③ Release 4 Board Holders



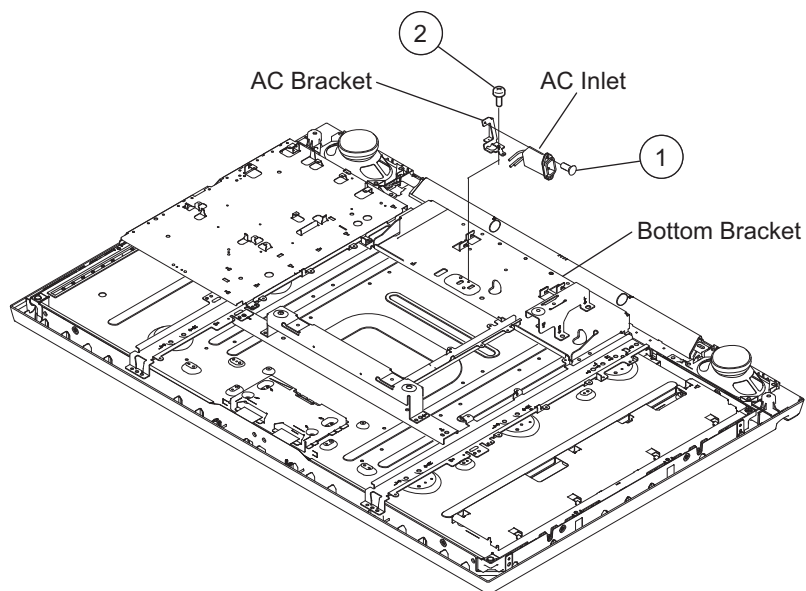
1-5. STAND AND UNDER COVER REMOVAL

- ① Remove 4 screws



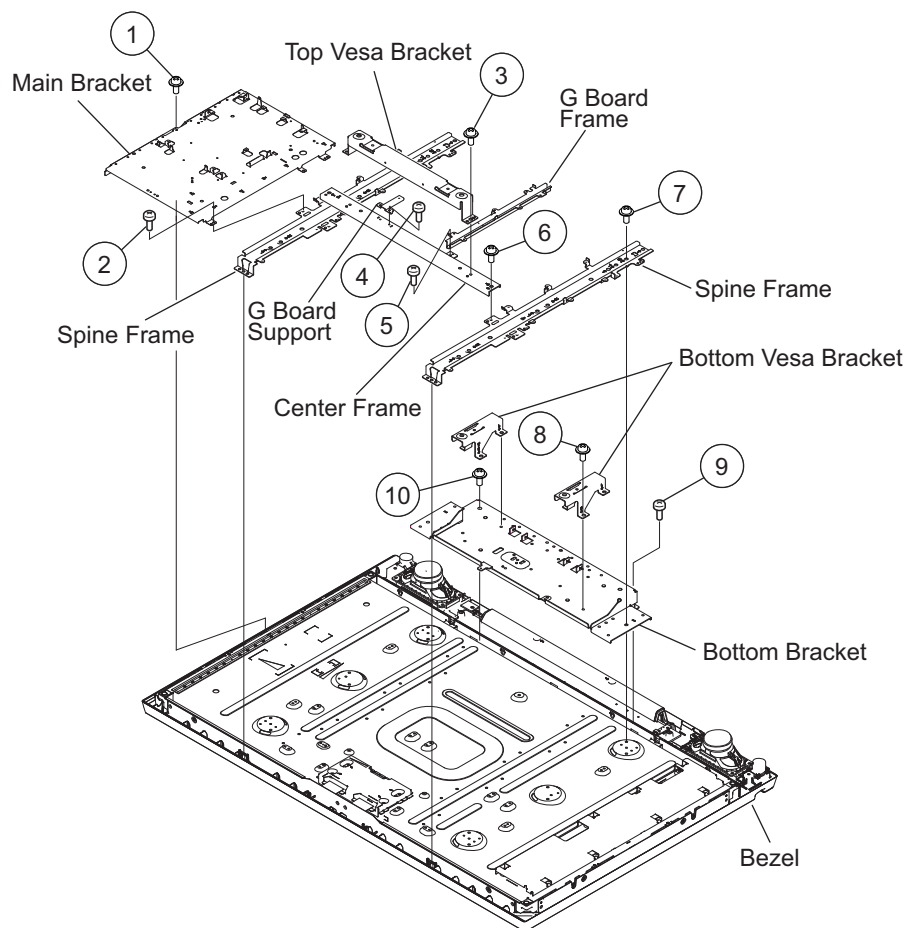
1-6. AC INLET REMOVAL

- ① Remove 2 screws
② Remove 1 screw



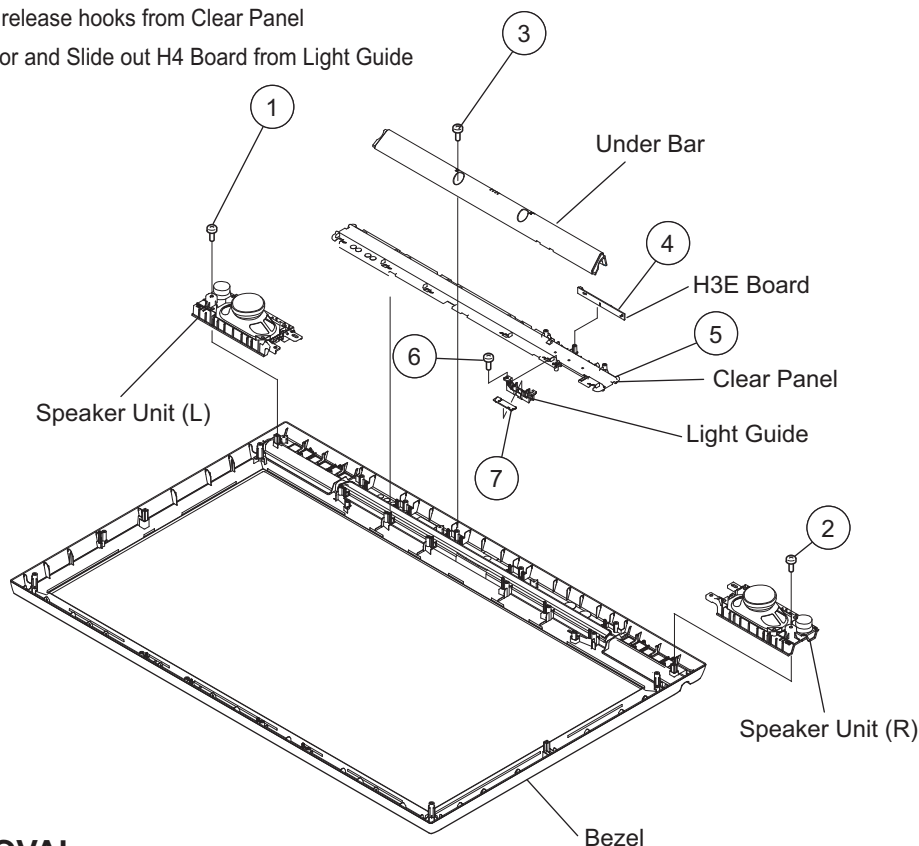
1-7. STRUCTURAL FRAMES AND BRACKETS REMOVAL

- ① Remove 1 screw from Main Bracket
- ② Remove 3 screws from Main Bracket and Spine frame
- ③ Remove 2 screws from Top Vesa Bracket
- ④ Remove 2 screws from G Board Support
- ⑤ Remove 2 screws from G Board Frame
- ⑥ Remove 2 screws from Center Frame
- ⑦ Remove 10 screws from Spine Frames
- ⑧ Remove 4 screws from both Bottom Vesa Brackets
- ⑨ Remove 4 screws from Bottom Bracket
- ⑩ Remove 1 screw from Bottom Bracket



1-8 SPEAKERS, UNDER BAR, H4 BOARD AND LIGHT GUIDE REMOVAL

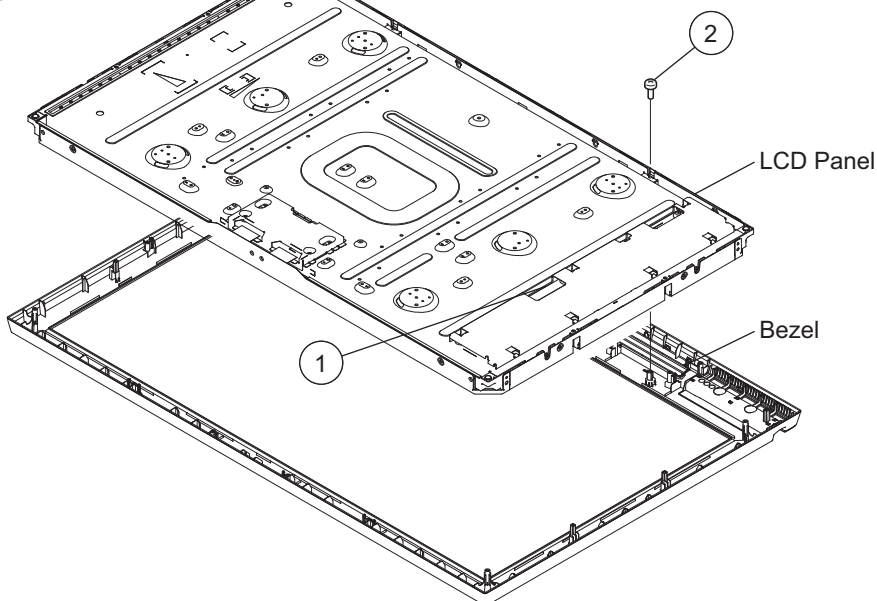
- ① Slide out Speaker (L) unit from Bezel
- ② Slide out Speaker (R) unit from Bezel
- ③ Remove 2 screws from Under Bar
- ④ Disconnect 1 connector and Slide out H3E Board from Clear Panel
- ⑤ Release hooks and remove from Bezel
- ⑥ Remove 1 screw and release hooks from Clear Panel
- ⑦ Disconnect 1 connector and Slide out H4 Board from Light Guide



1-9. LCD PANEL REMOVAL

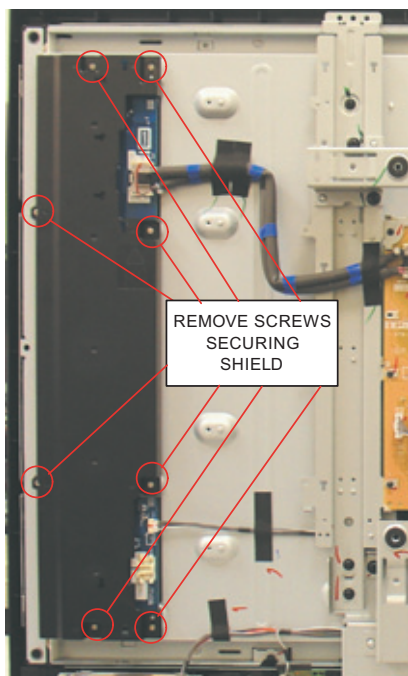
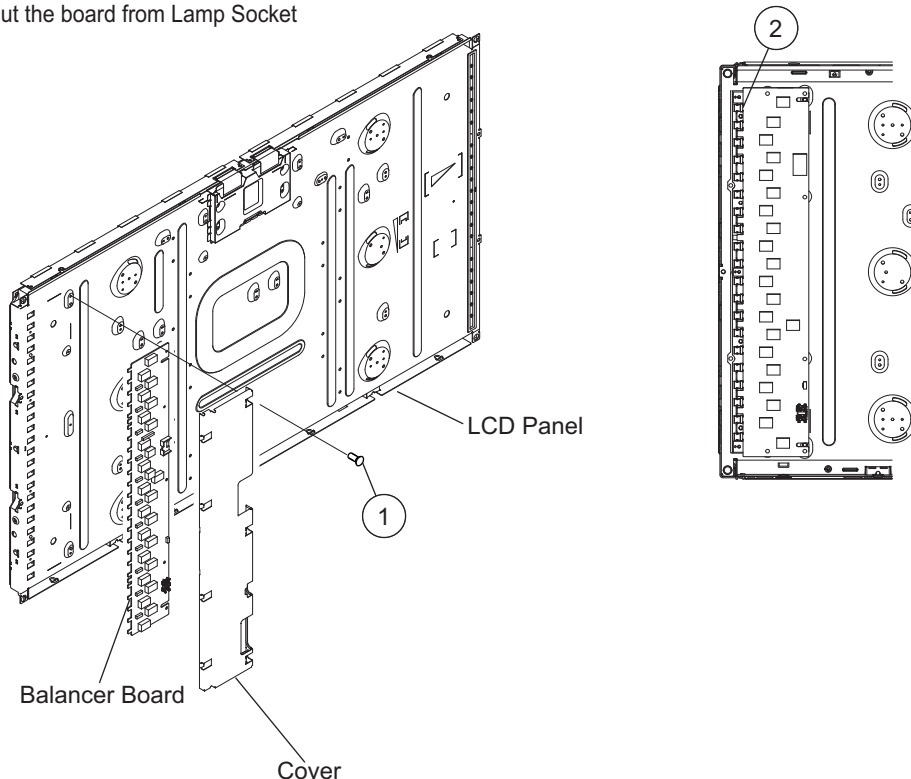
NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32.

- ① Disconnect 2 connectors
- ② Remove 2 screws



1-10. BALANCER (ETC-INVERTER MT) BOARD REMOVAL

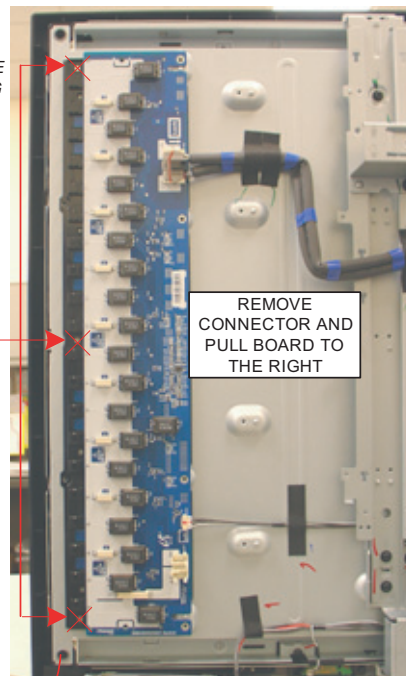
- ① Remove 7 screws
- ② Pull out the board from Lamp Socket



SHIELD REMOVAL

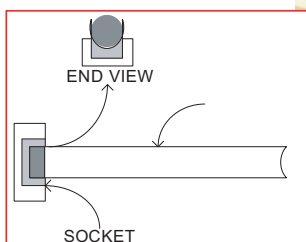
WARNING!

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS. DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!



BALANCER (ETC-INVERTER) BOARD REMOVAL

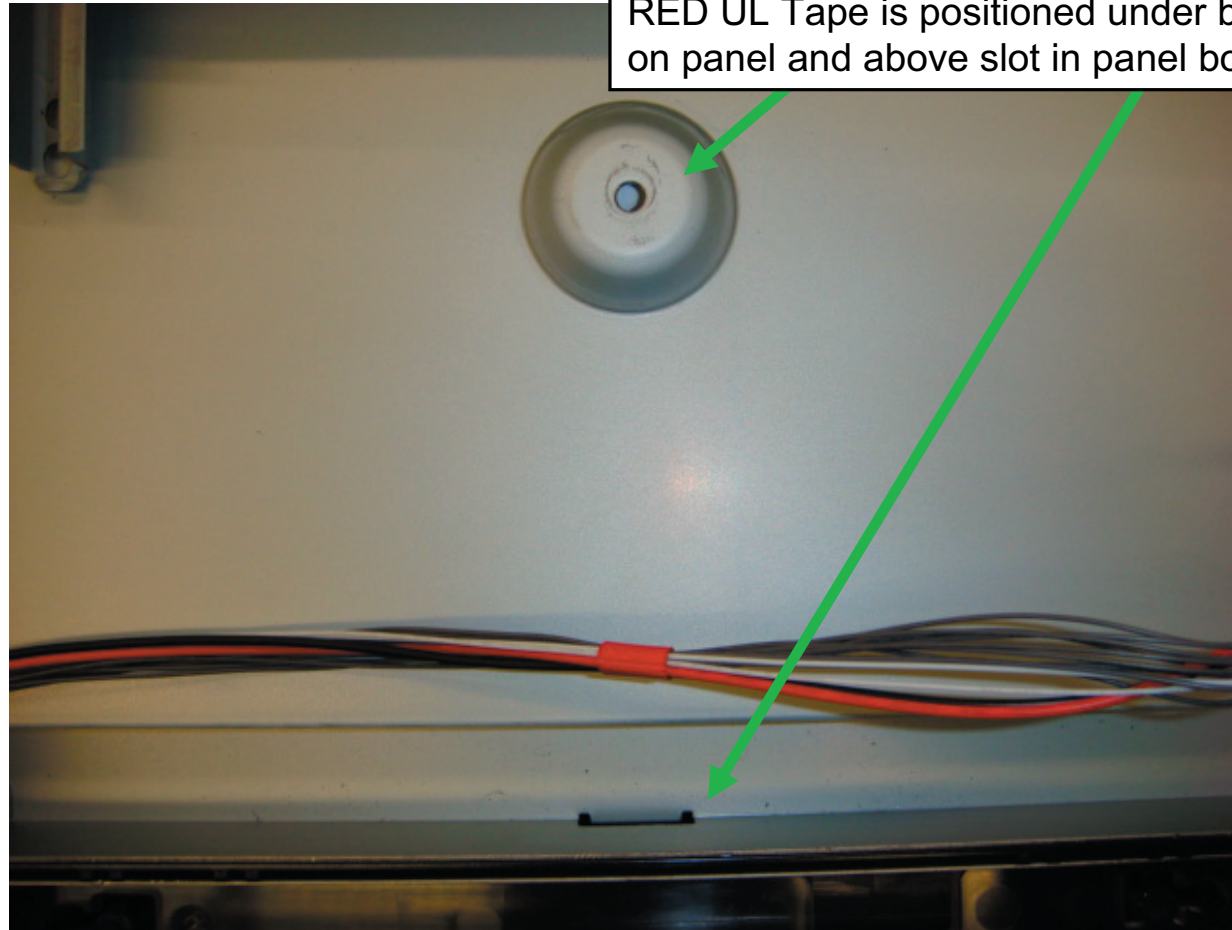
Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement.






WIRE DRESSING

H Board/Speaker Harness

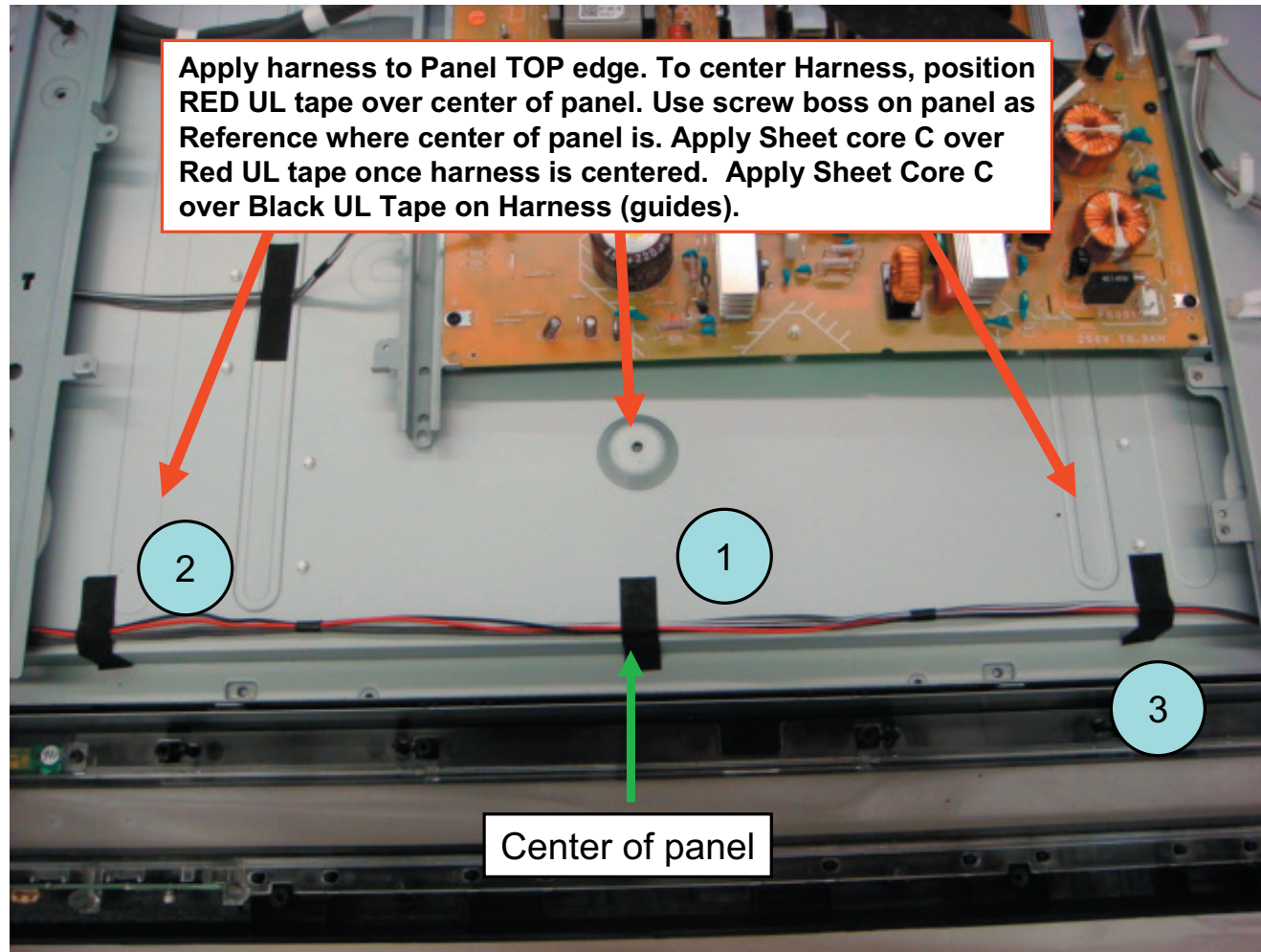
CENTER Main Harness on panel
RED UL Tape is positioned under boss
on panel and above slot in panel bottom.



LEGEND

-  SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
-  LCD TAPE (2-688-062-01 or equivl.)
QTY=5
-  SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

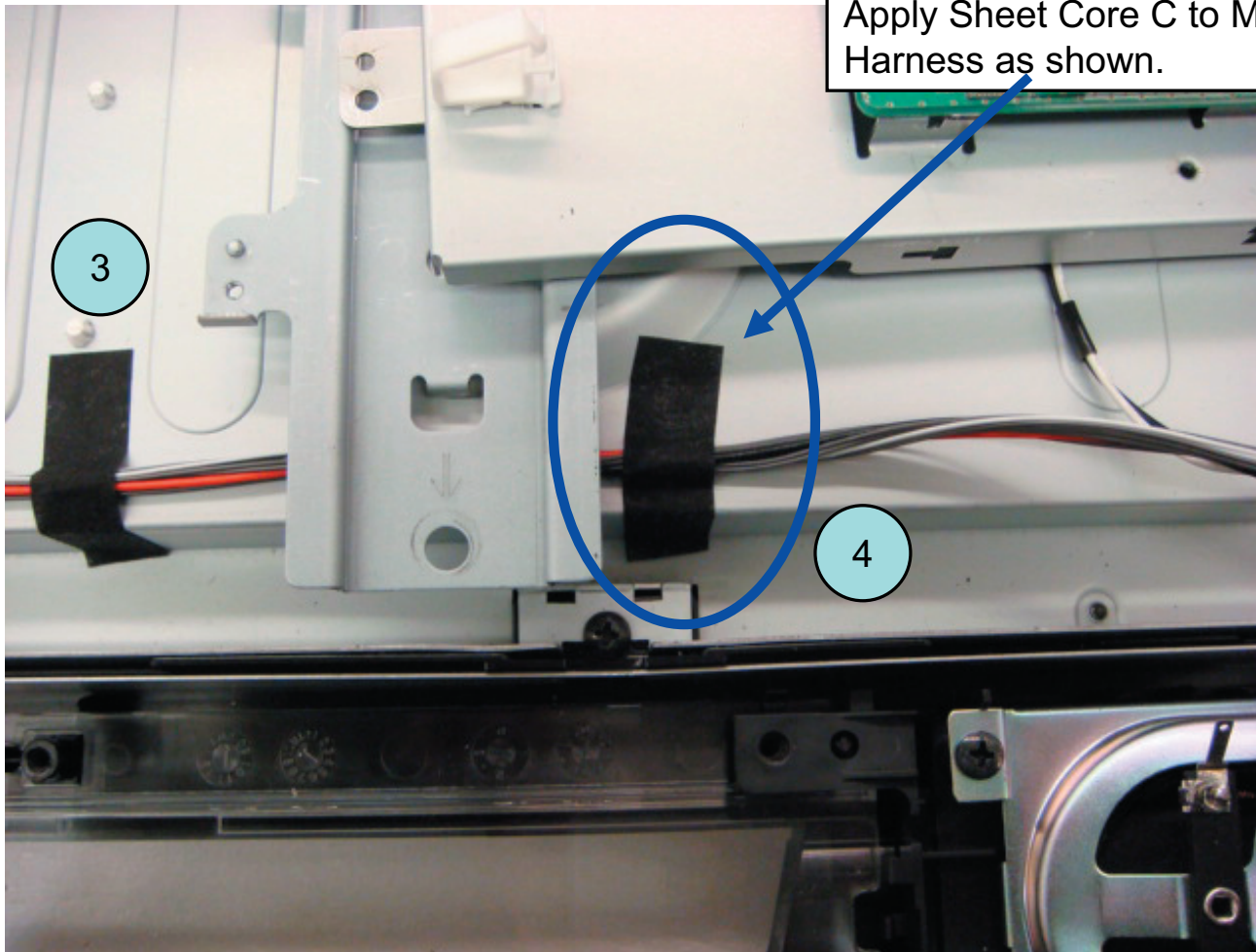
H Board/Speaker Harness



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

H Board/Speaker Harness: Continued



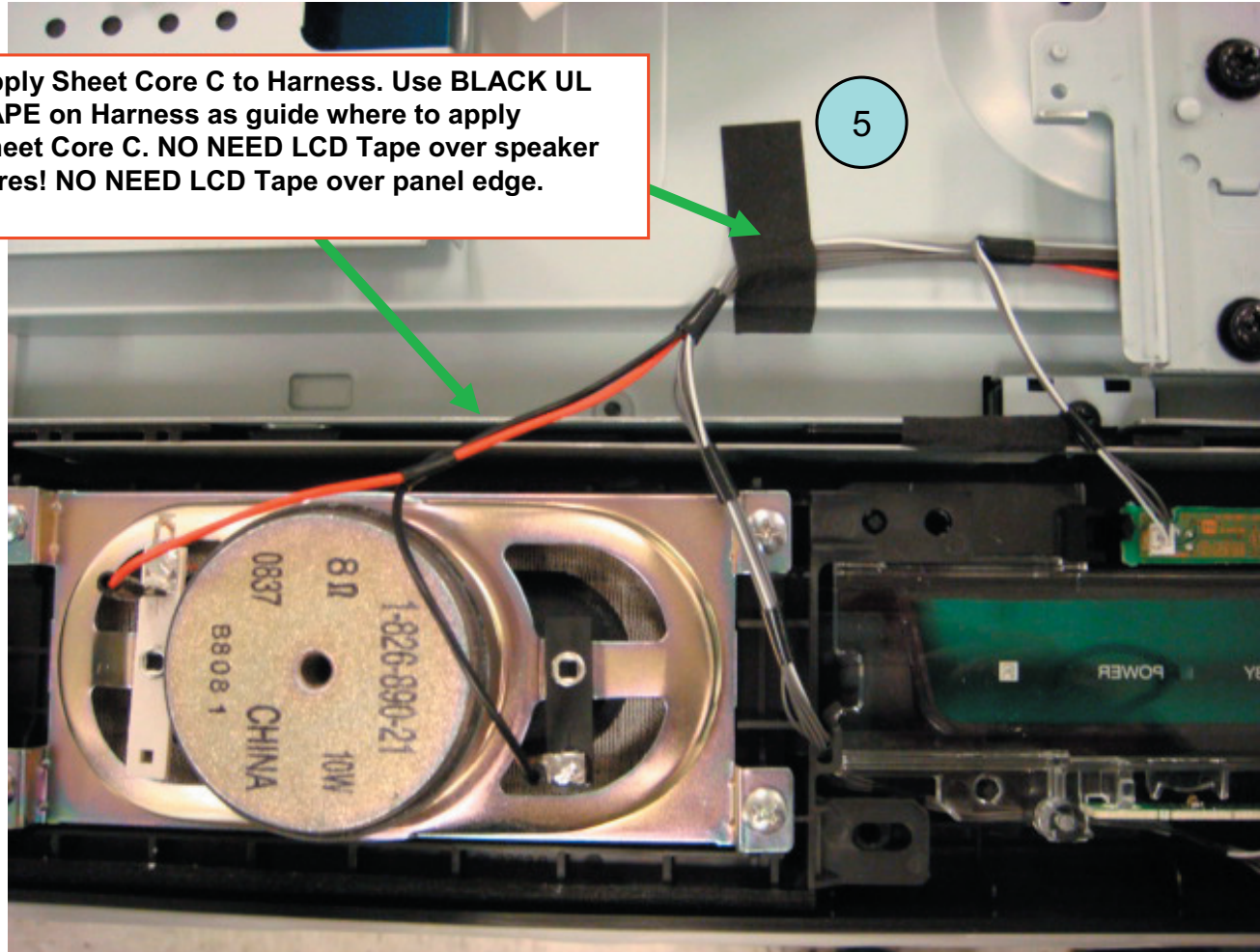
Apply Sheet Core C to Main
Harness as shown.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

Combination H Board/Speaker Harness

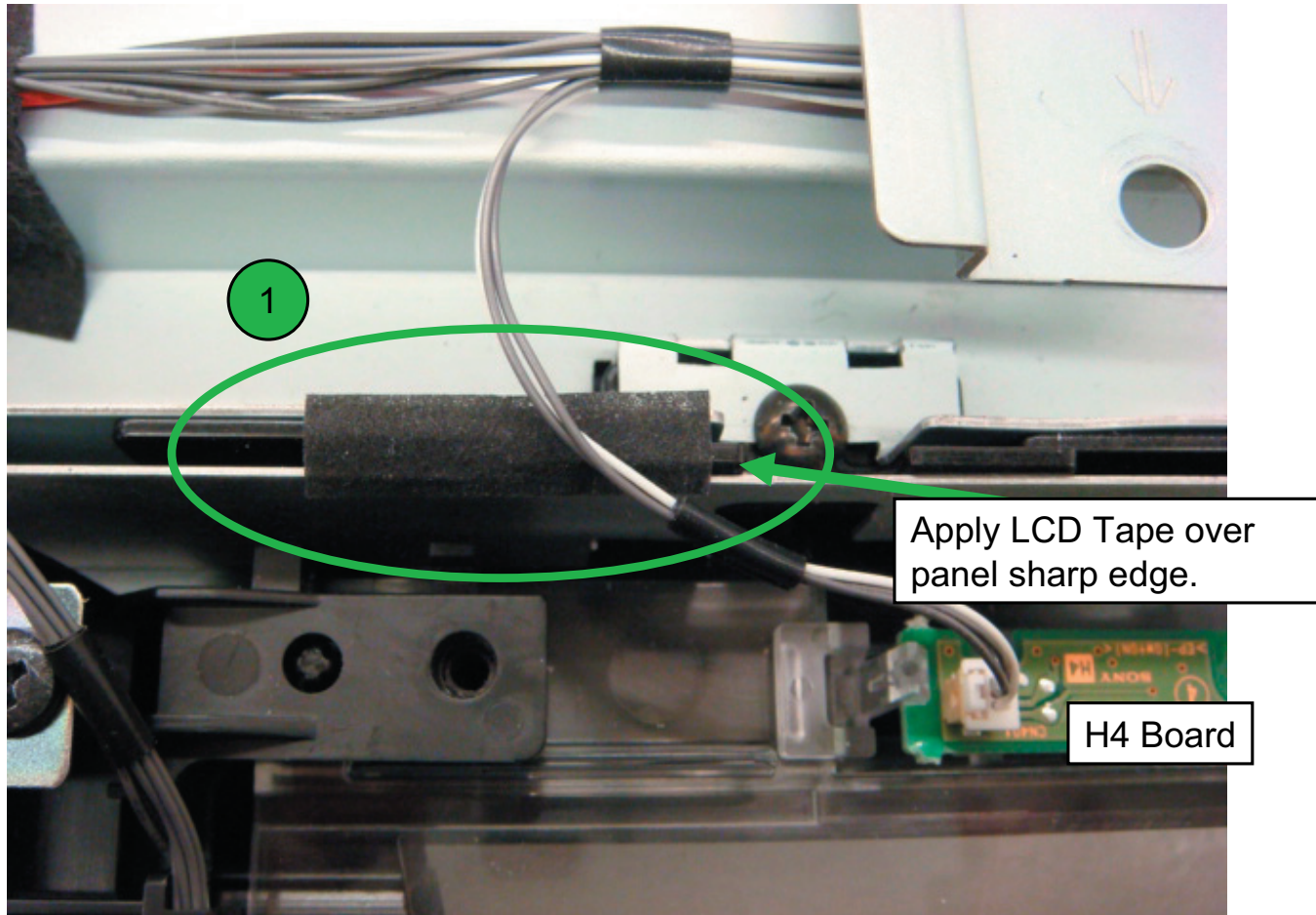
Apply Sheet Core C to Harness. Use BLACK UL TAPE on Harness as guide where to apply Sheet Core C. NO NEED LCD Tape over speaker wires! NO NEED LCD Tape over panel edge.






LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

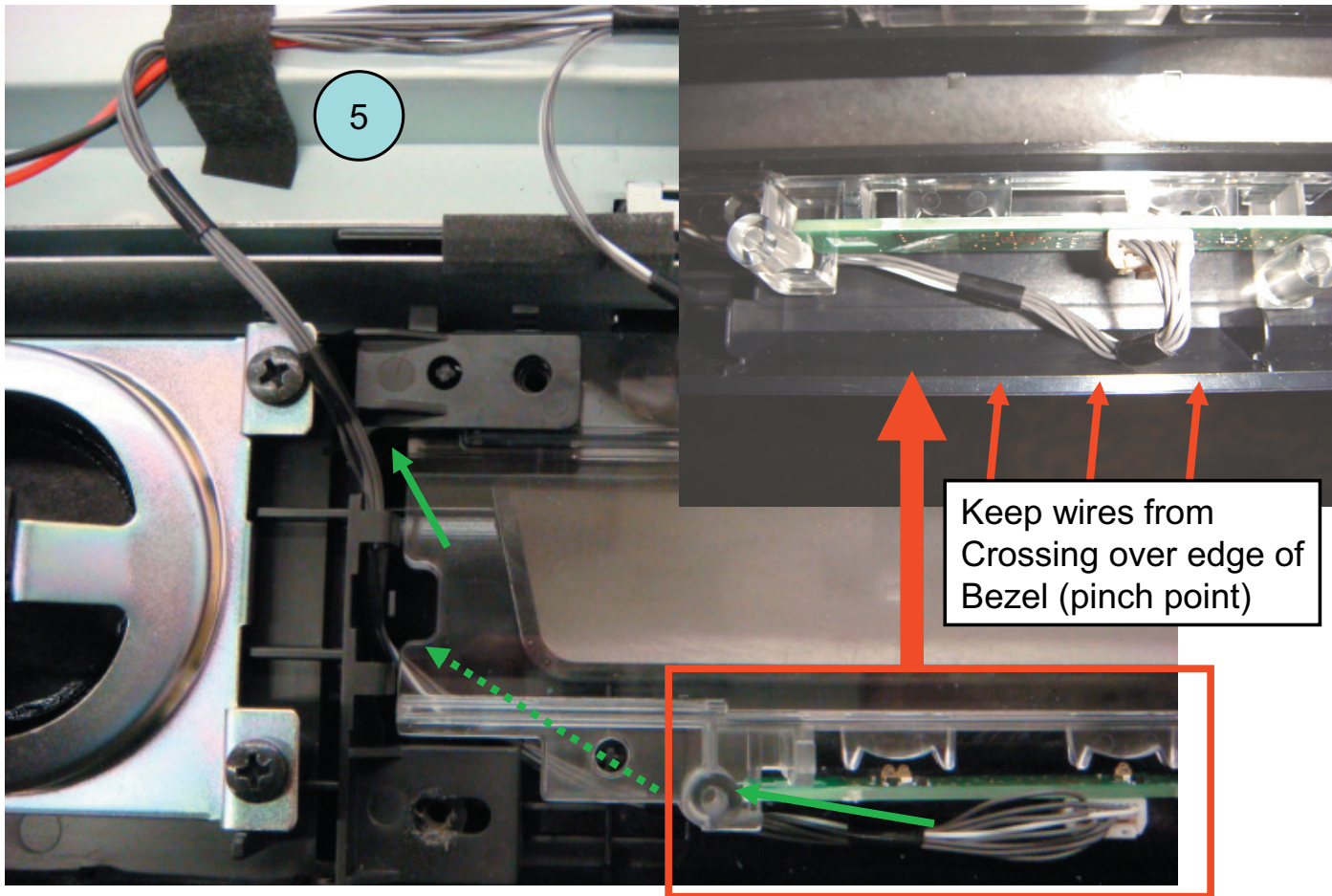
Combination H Board/Speaker Harness: Attach H3/H4 Conn.



LEGEND

-  SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
-  LCD TAPE (2-688-062-01 or equivl.)
QTY=5
-  SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

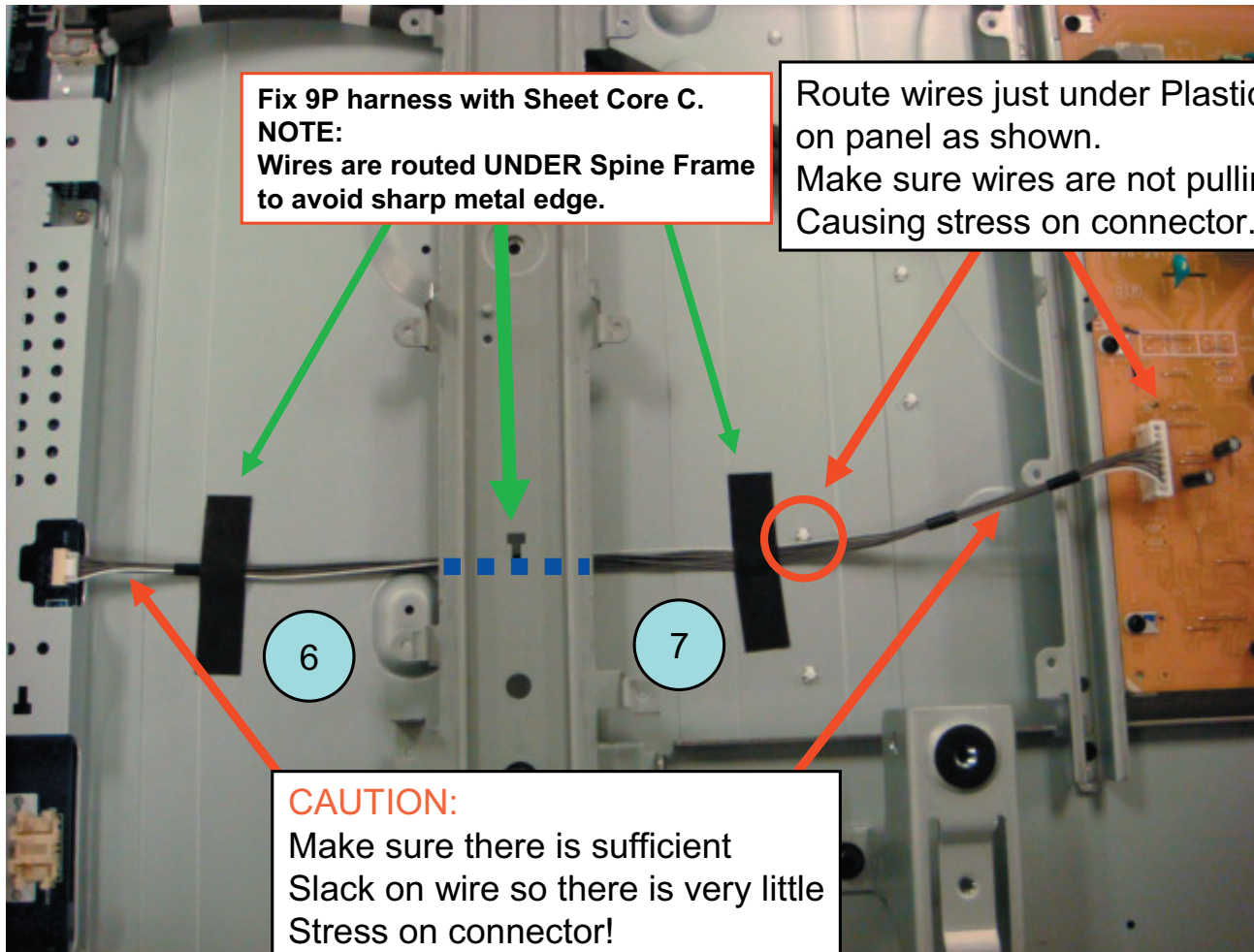
Combination H Board/Speaker Harness: H3 Board routing



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

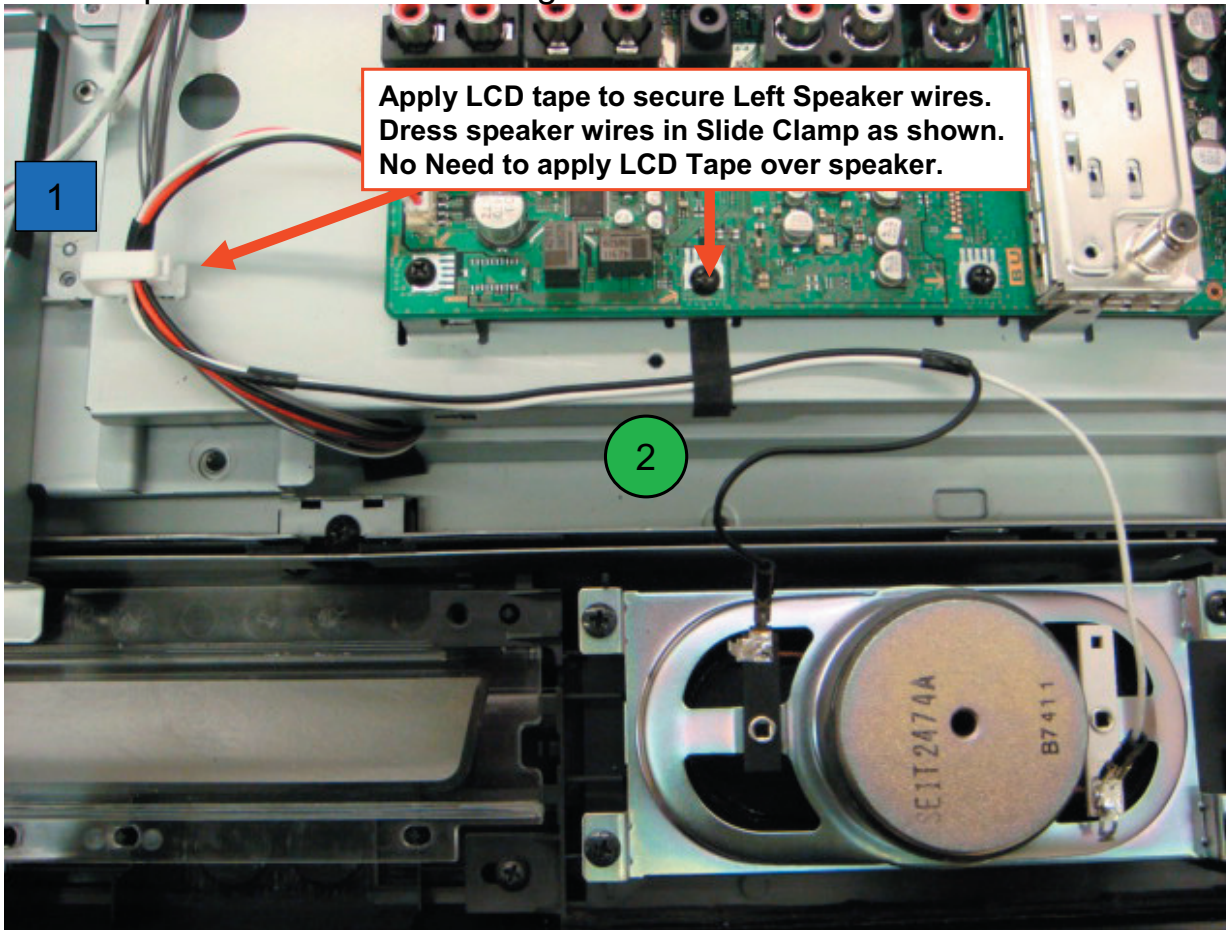
Balancer Board Cable Routing



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

LEFT Speaker Harness Dressing

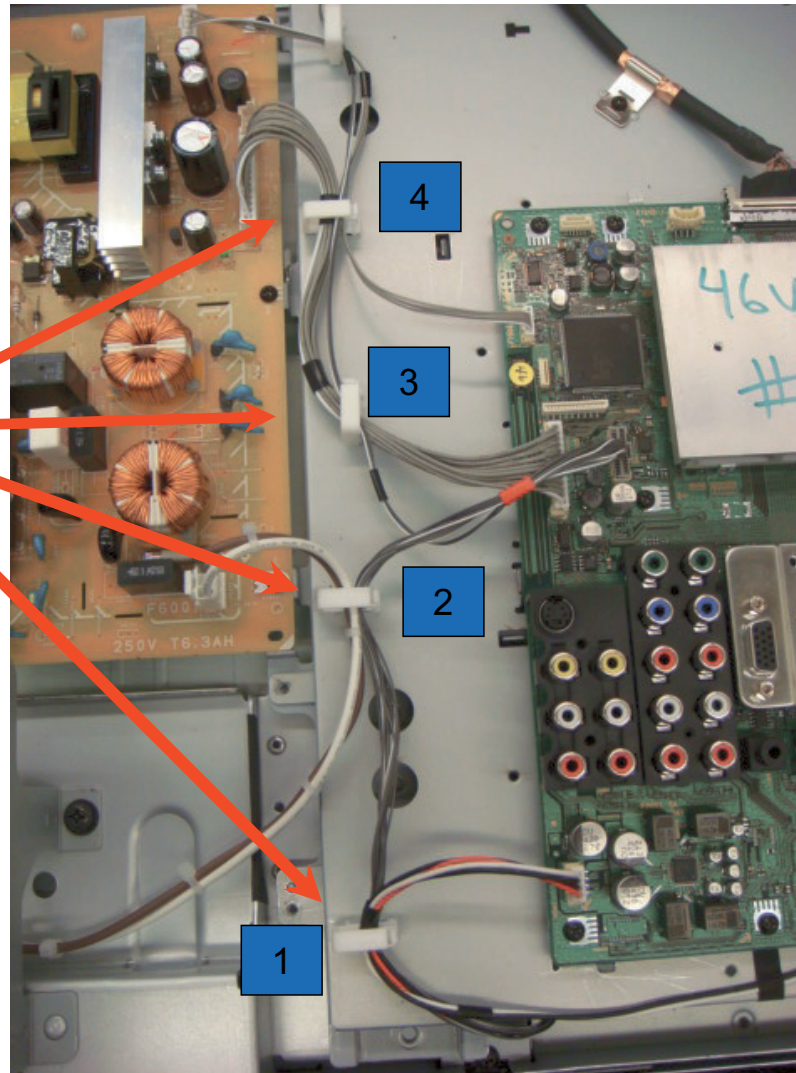


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

BU Board Support Bracket

Dress harness in slide clamps
as shown (4 places).

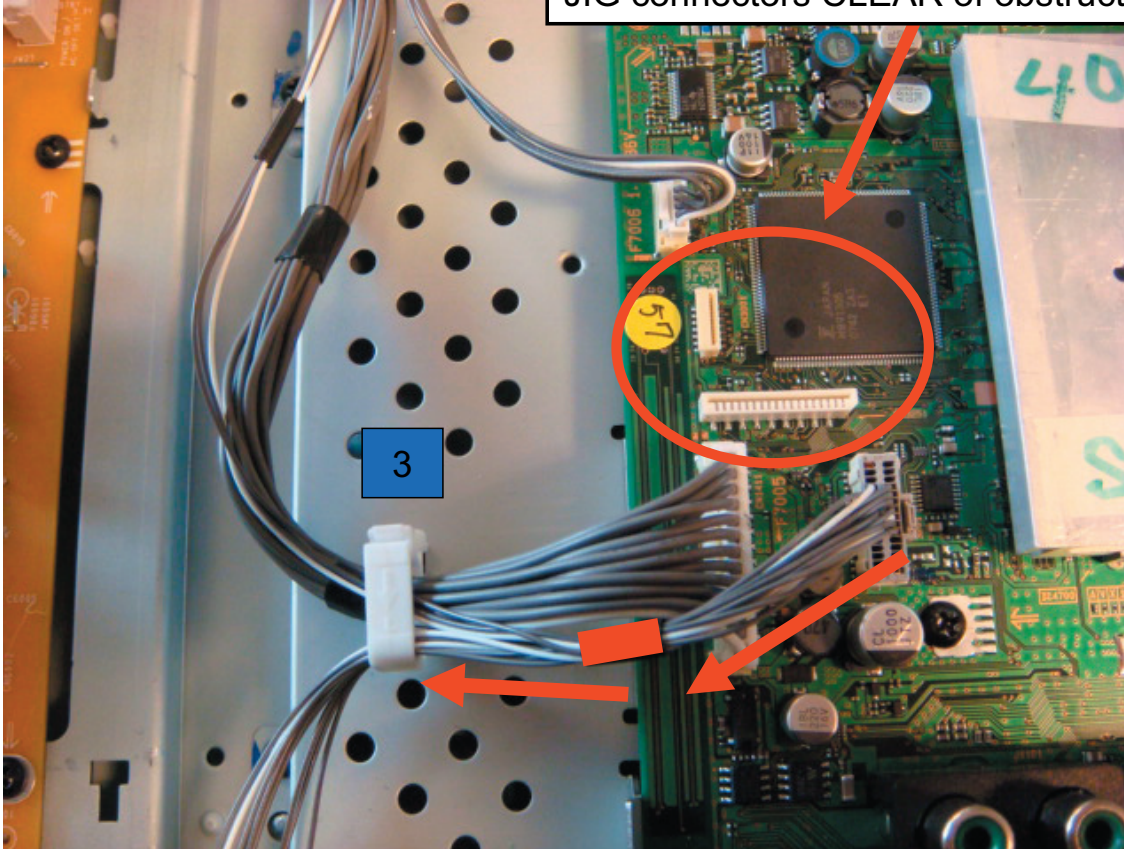


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

BU Board Support Bracket
(Continued) **CAUTION**

CAUTION:
Dress 30P Harness as shown to keep
JIG connectors CLEAR of obstructions.

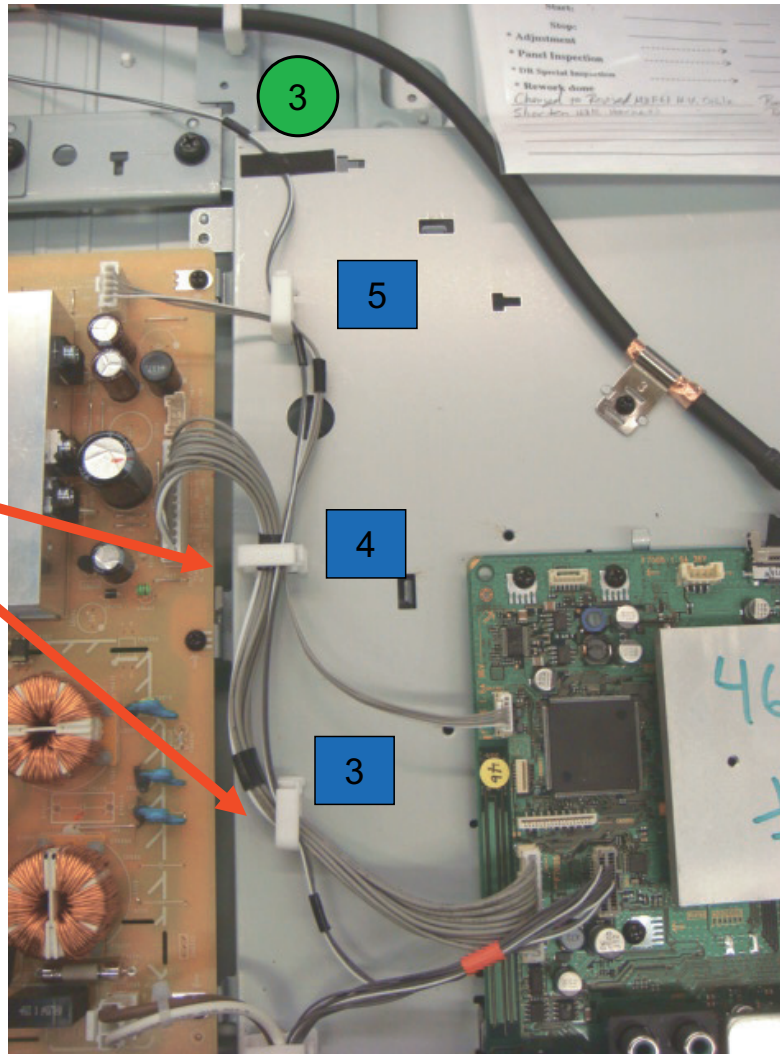


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

13P Conn Assy Routing

Dress 13P Conn Assy
in Slide Clamps as shown
(2 Places).

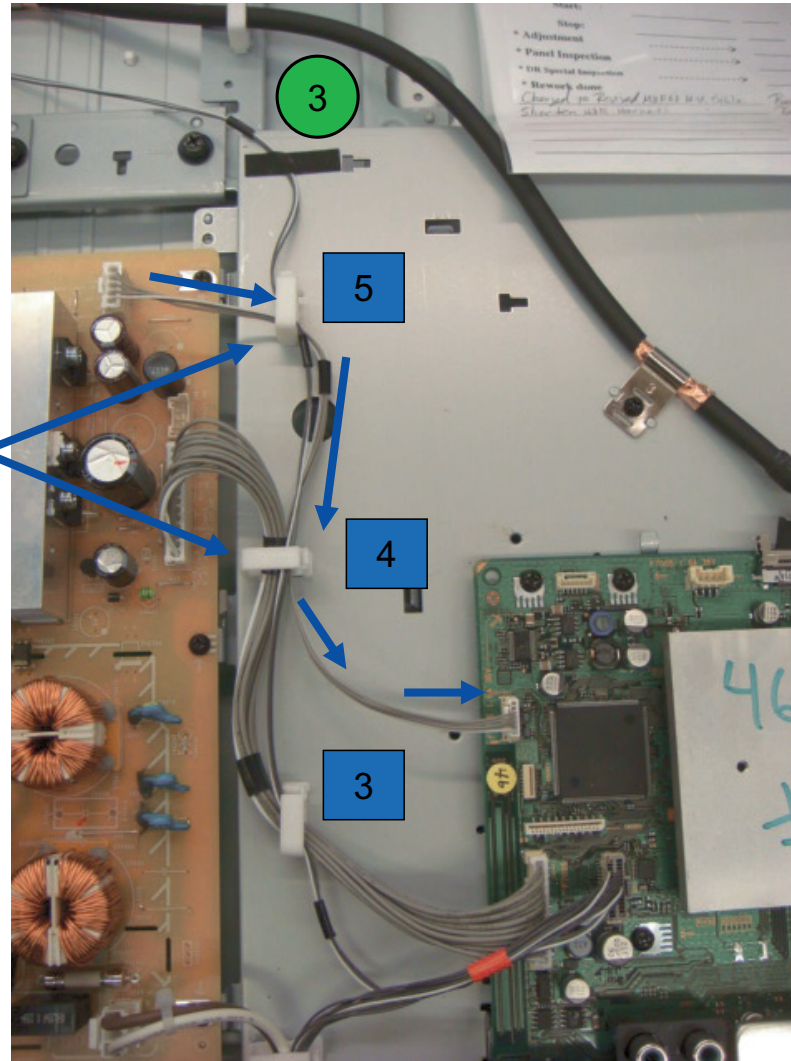


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

5P Conn Assy Routing

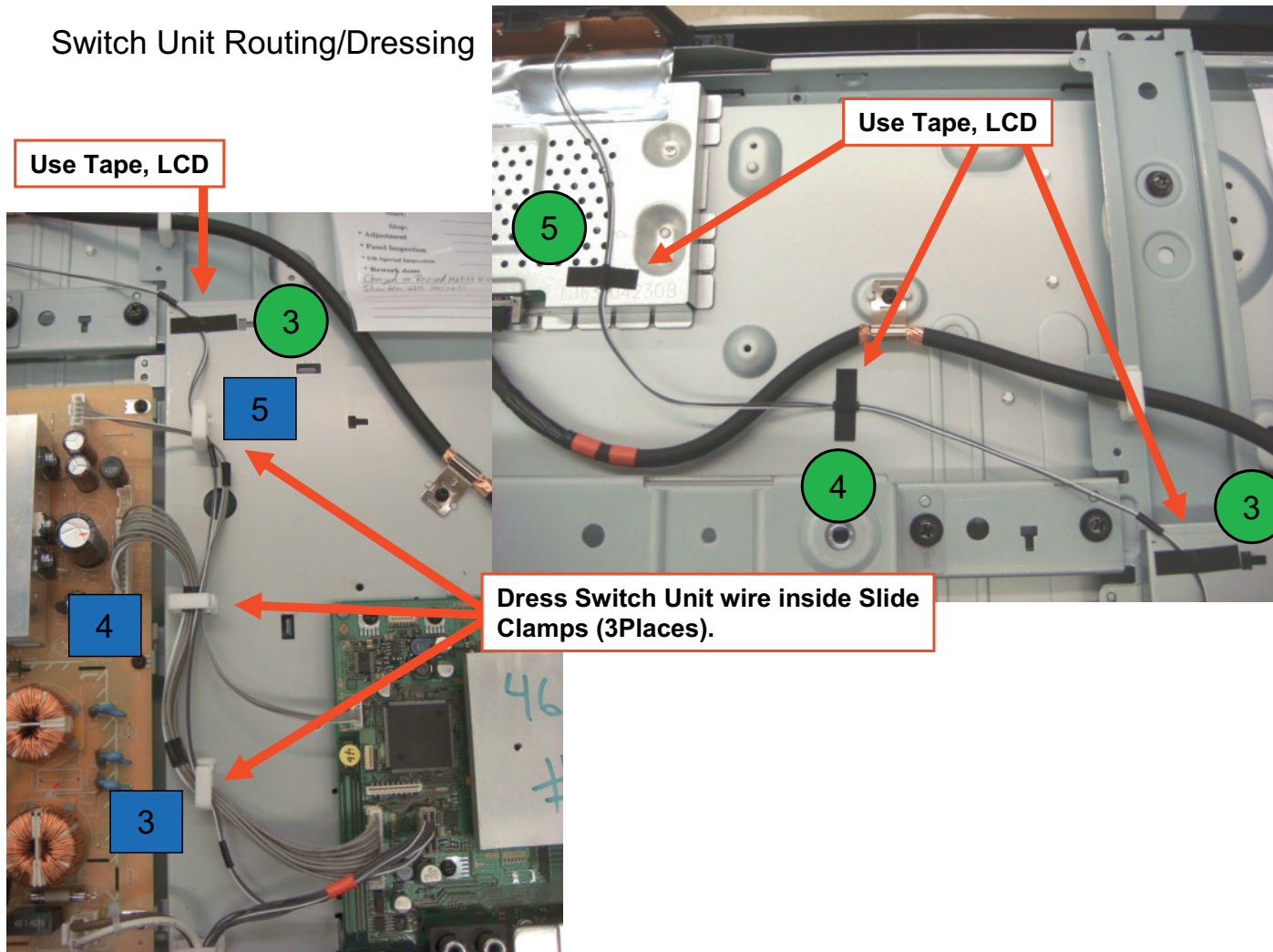
Dress 5P Conn Assy
in Slide Clamps as shown
(2 Places).



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

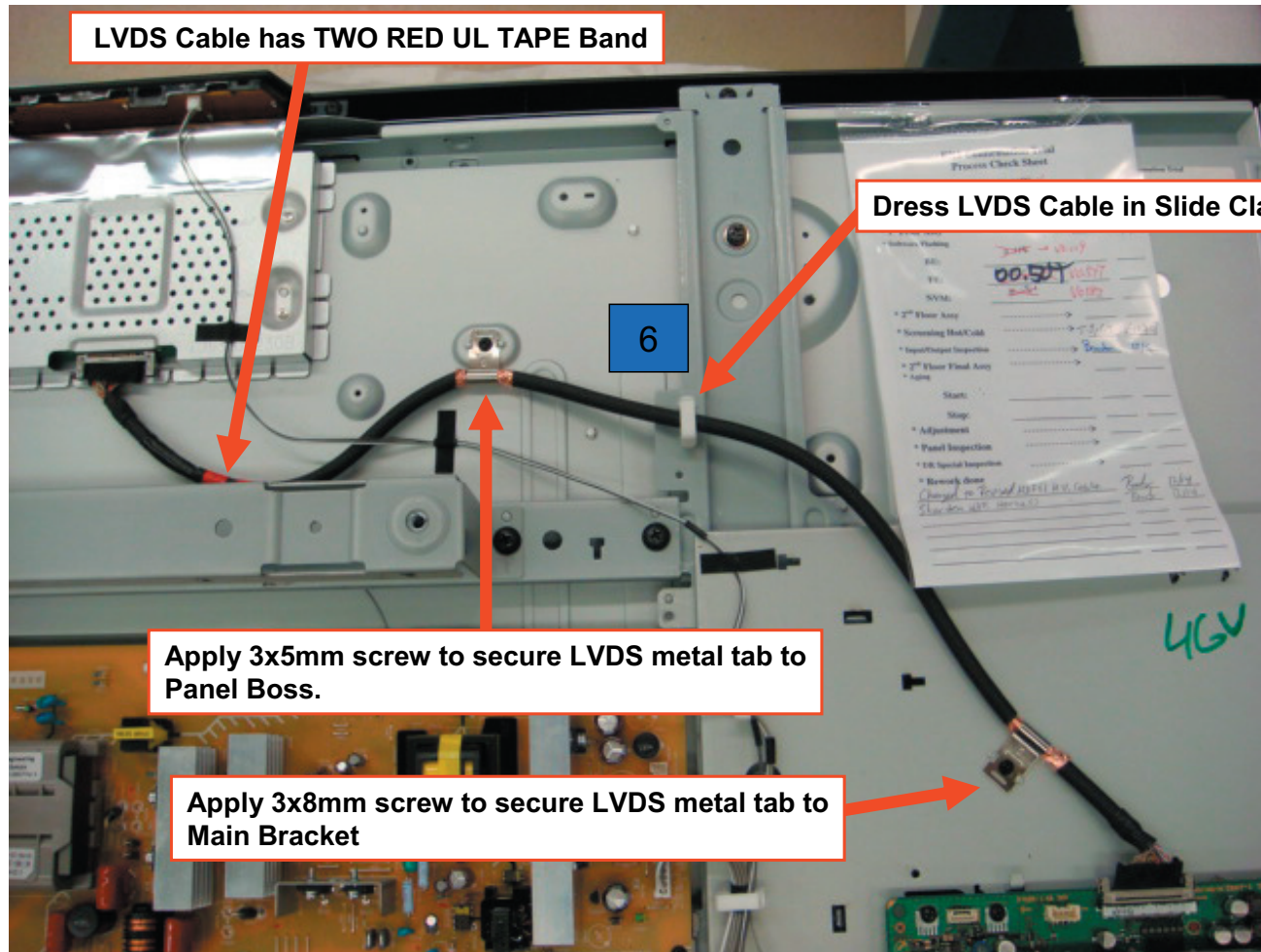
Switch Unit Routing/Dressing



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

LVDS Cable Routing

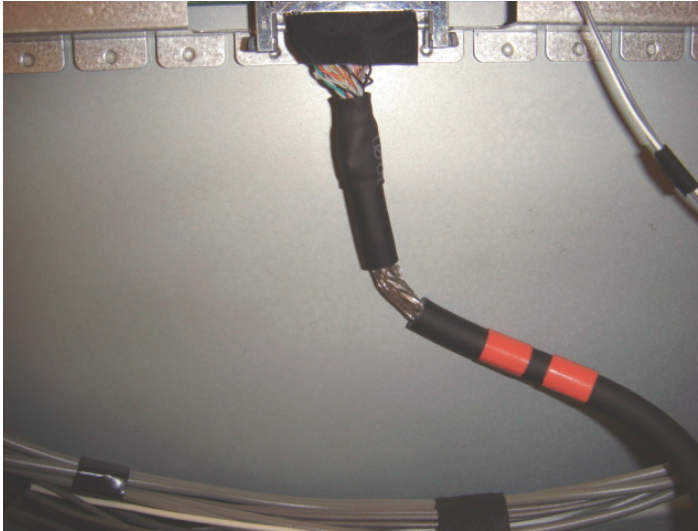


LEGEND

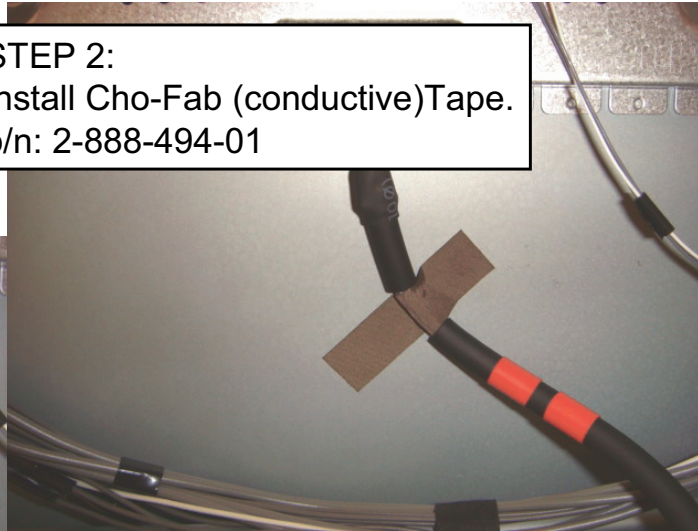
- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

LVDS Cable Routing (Continued)

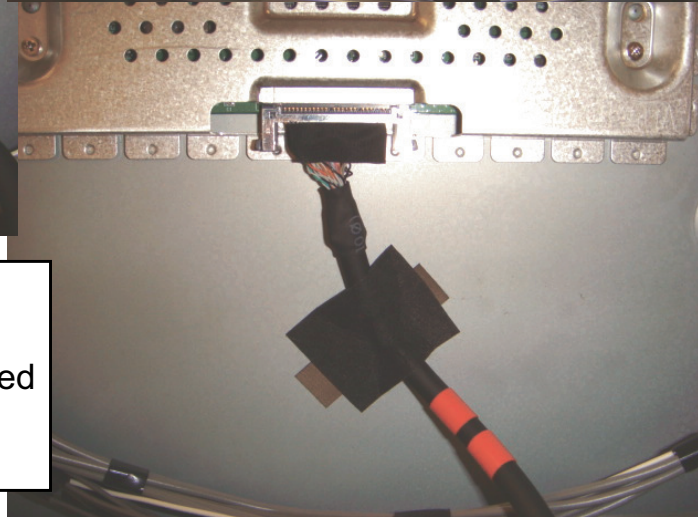
STEP 1



STEP 2:
Install Cho-Fab (conductive) Tape.
p/n: 2-888-494-01






STEP 3:
Install Himelon Tape OVER Cho-Fab
tape. Make sure himelon is firmly placed
Over Cho-Fab Tape.
p/n: 2-661-260-01



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

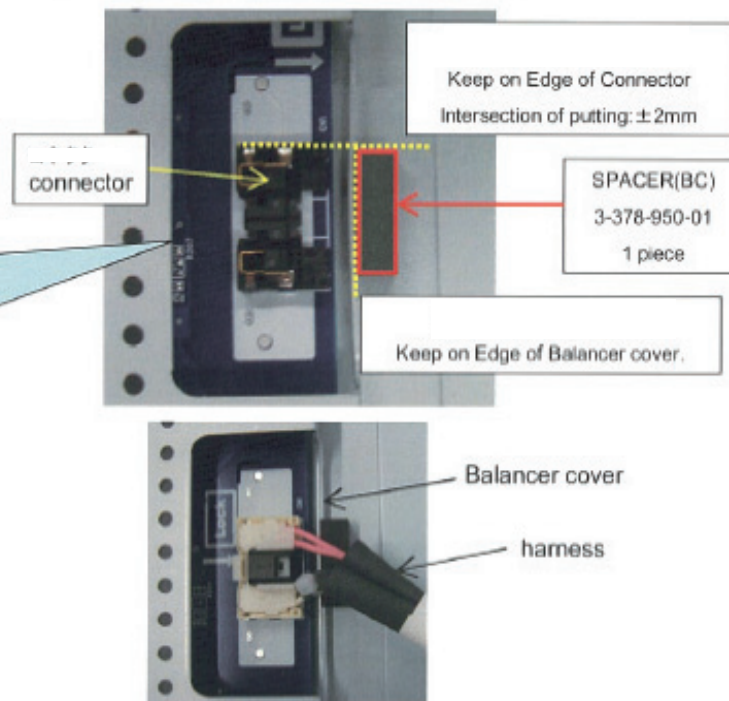
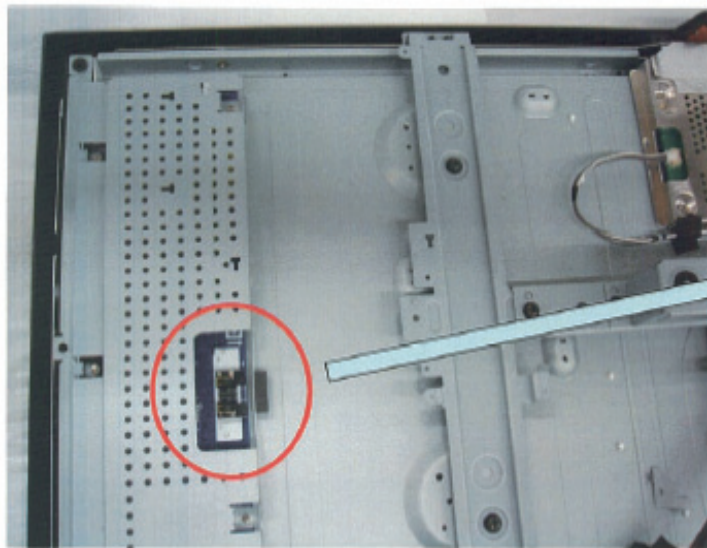
LEGEND

-  SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
-  LCD TAPE (2-688-062-01 or equivl.)
QTY=5
-  SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1




High Voltage MDF61

NOTE: The SPACER applies to 1-802-650-11 Panel ONLY
(The spacer is not needed when the panel suffix change to -12)

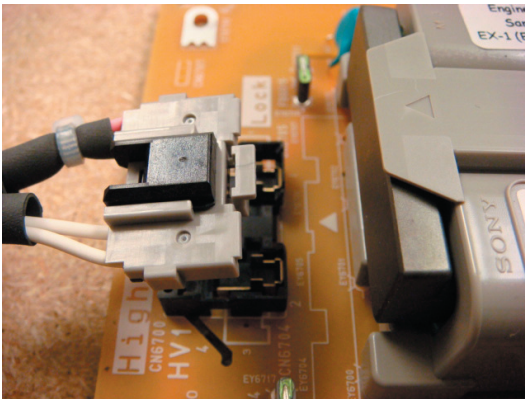
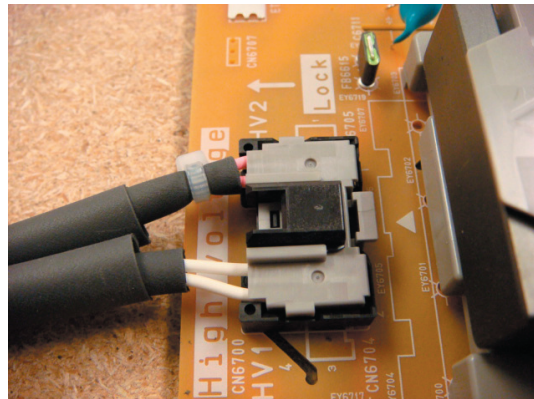
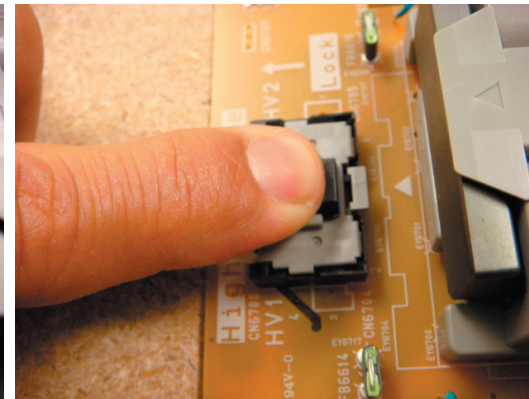
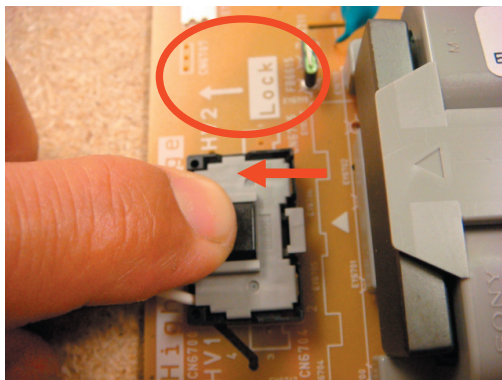
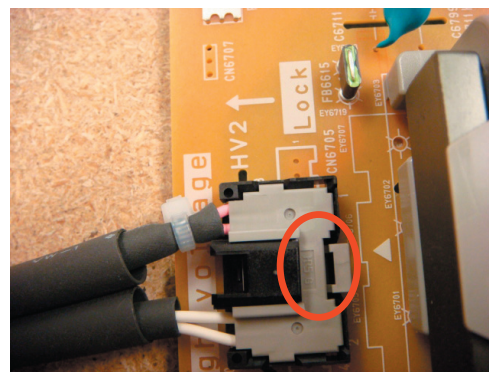
The spacer is put on the panel near balancer cover.



LEGEND

-  SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
-  LCD TAPE (2-688-062-01 or equivl.)
QTY=5
-  SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

INSTALLATION PROCEDURE FOR MDF-61 CONNECTOR

**STEP1: ALIGN CONNECTOR****STEP2: INSTALL CONNECTOR****STEP3: PUSH DOWN ON BLACK LOCK TAB TO SEAT CONNECTOR. WHEN CONNECTOR IS SEATED IT WILL "CLICK" INTO PLACE.****STEP4: PULL LOCK BLACK LOCK TAB IN DIRECTION INDICATED ON PWB TO LOCK CONNECTOR.****"HRS" LOGO WILL BE VISIBLE WHEN CONNECTOR IS PROPERLY LOCKED.**

Balancer Board HIGH VOLTAGE Wire Dressing

MDF- 61 (NEW) CONNECTOR

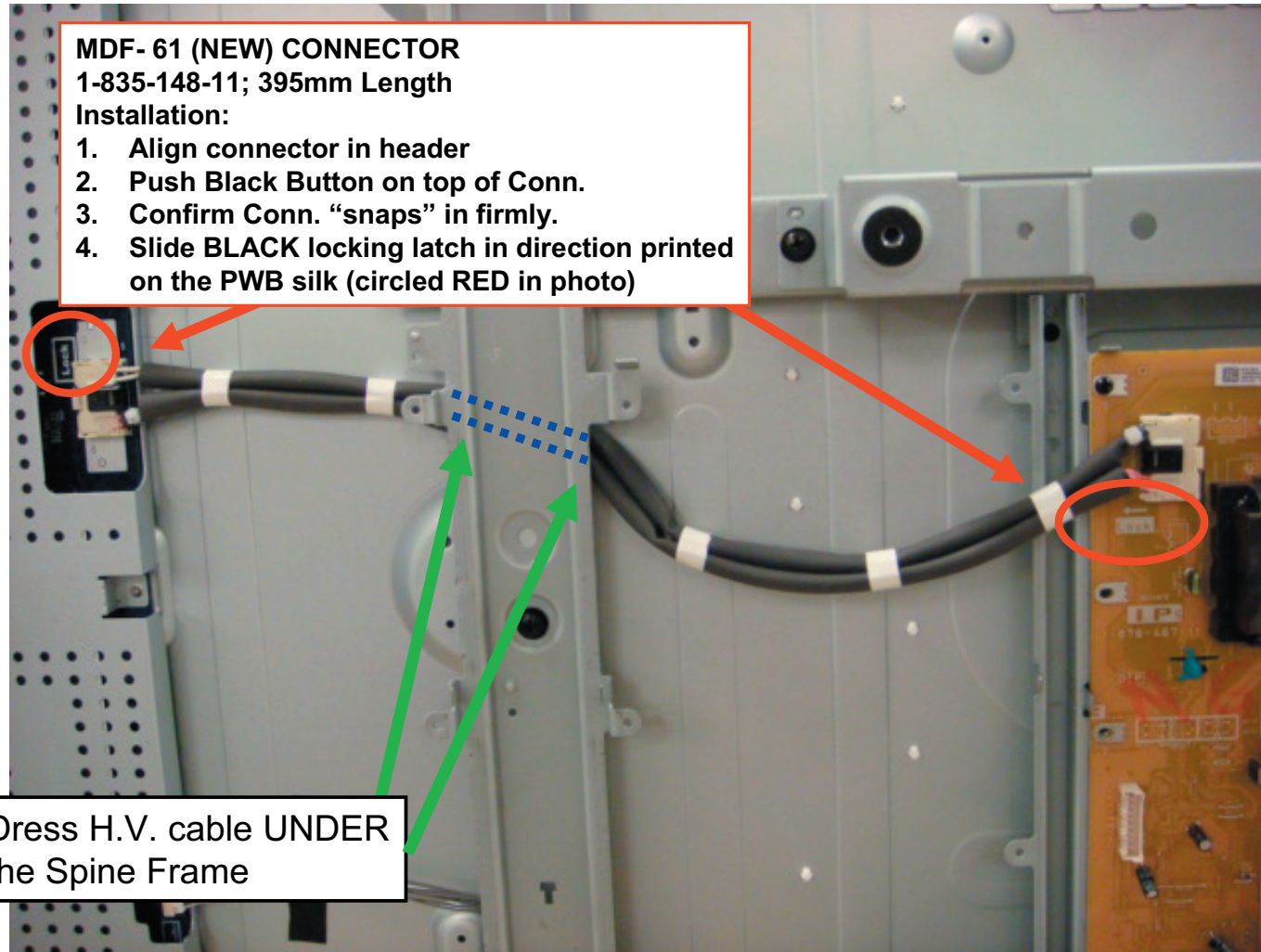
1-835-148-11; 395mm Length

Installation:

1. Align connector in header
2. Push Black Button on top of Conn.
3. Confirm Conn. "snaps" in firmly.
4. Slide BLACK locking latch in direction printed on the PWB silk (circled RED in photo)

LEGEND

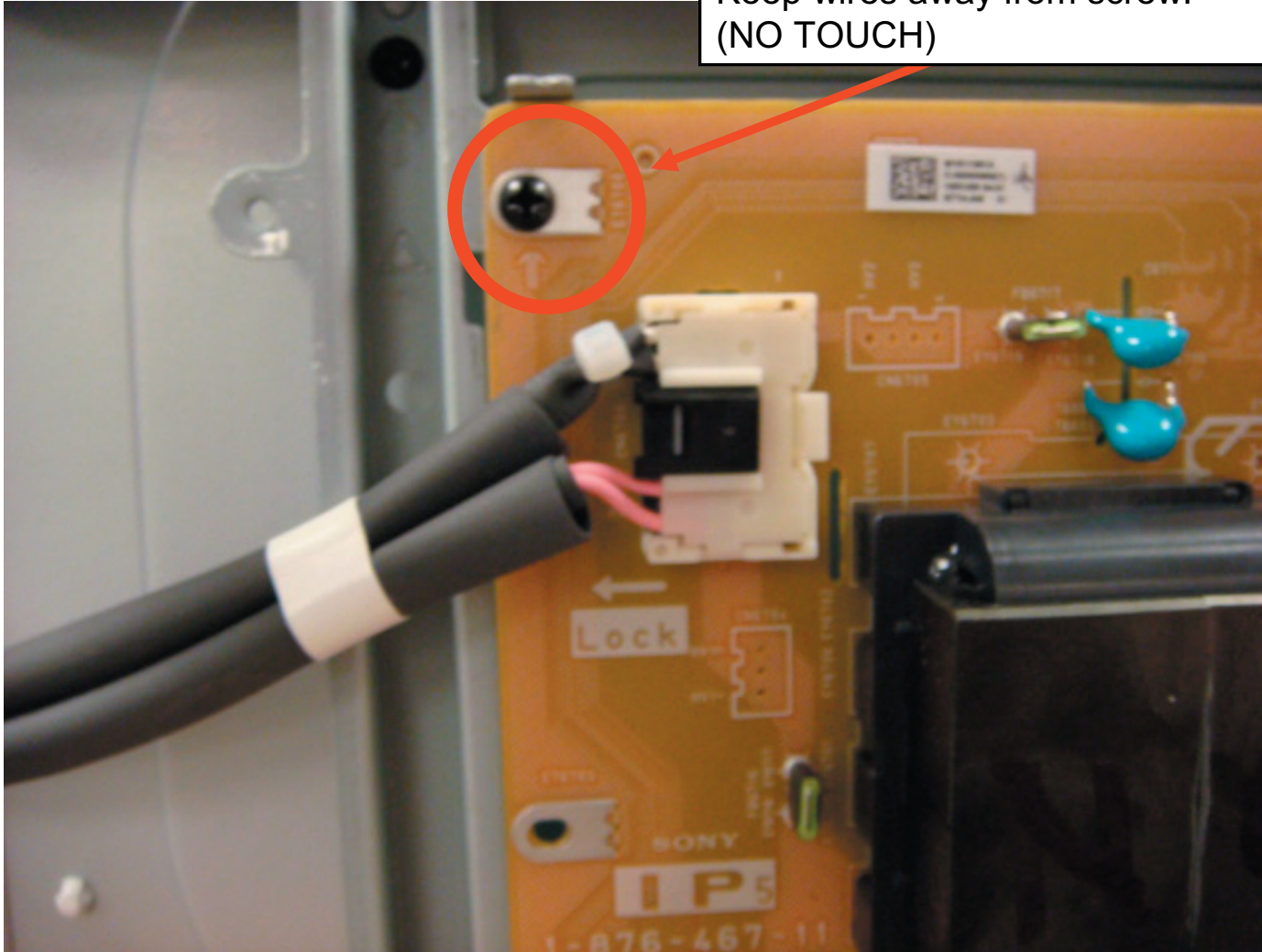
- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1



Dress H.V. cable UNDER
the Spine Frame

High Voltage MDF61 **CAUTION**

NO metal PWB cover.
Keep wires away from screw.
(NO TOUCH)



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
- LCD TAPE (2-688-062-01 or equivl.)
QTY=5
- SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

2P AC Inlet

AC Inlet Wires dressed inside
Side Clamp (2 Places)

2




8

Apply Sheet Core C over metal
Sharp Edge.

7

1

LEGEND

-  SHEET CORE C (2-688-011-01 or equivl.)
QTY=8
-  LCD TAPE (2-688-062-01 or equivl.)
QTY=5
-  SLIDE CLAMP (2-650-770-11)
QTY=7
- Cho-Fab TAPE (2-888-494-01)
QTY=1
- HIMELON TAPE (2-661-260-01)
QTY=1

SECTION 2: SERVICE ADJUSTMENTS

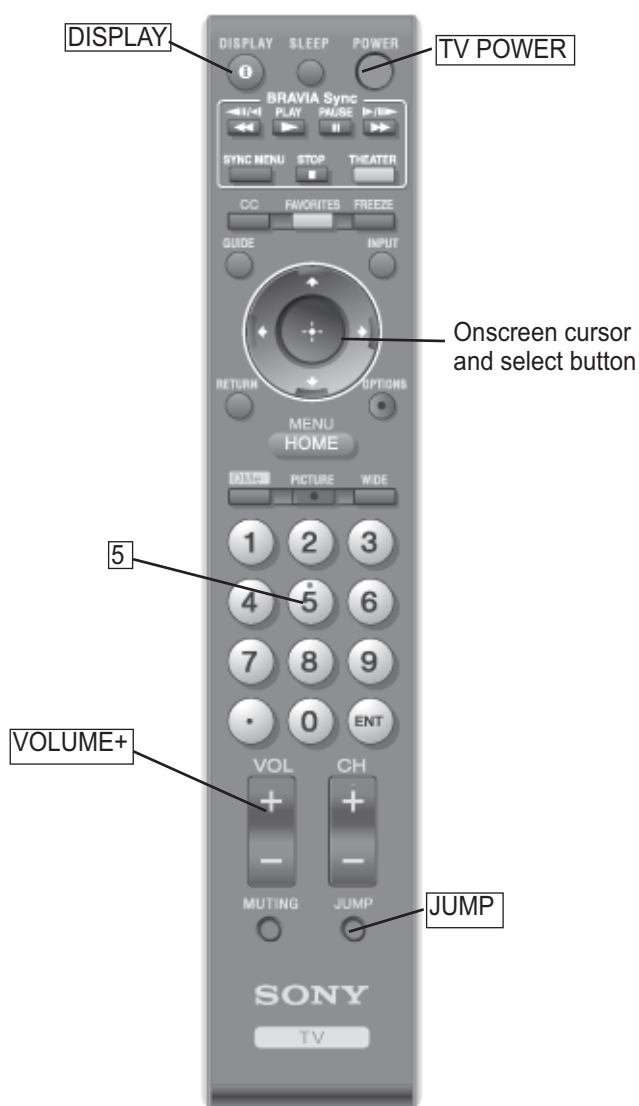
2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **+** → **POWER**.



RM-YD023

The first service menu (TV) displays.

```

TVLF CHECK                SERVICE
001  COLOR ADJ           00100
001  R_DRV
    DIGITAL PROGRAM : H801.03 0070
        DATA      : S001000
    BE  PROGRAM : TM1.000
        NVM       : TD1.000
        PACK      : TP1.000
        BOOT      : TB1.000
  
```

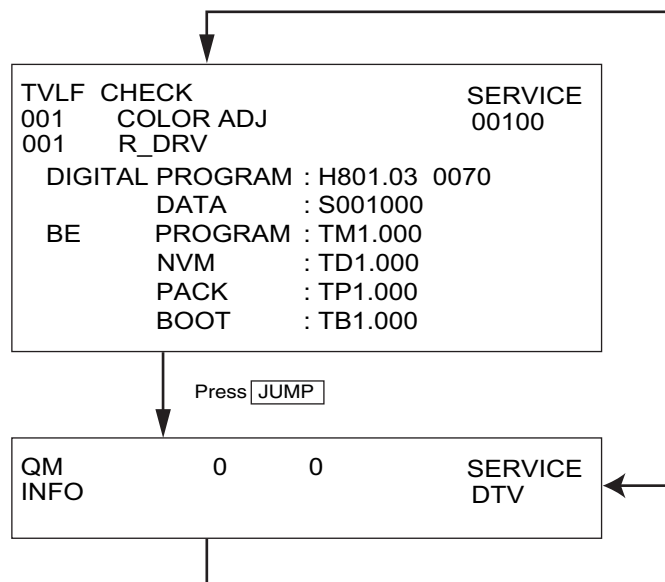
Sample TV Service Menu

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

1. To display the **Service Menu** that contains the Category you want to adjust, press **JUMP** on the Remote Commander.
(For a complete list of the service Categories refer to Service Menus)

NOTE: If the Service Menu display text is not completely visible, press the Menu **HOME** button on the Remote Commander to refresh the display.



Sample Service Menus

2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.

1. Access Service Mode.

Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **+** → **POWER**.

| Category Number | Category | Adjustment Item | Data Value |
|-----------------|-----------------|-----------------|------------|
| 001 | TVLF CHECK | | |
| 001 | COLOR ADJ | | |
| | R_DRV | | |
| | DIGITAL PROGRAM | : H801.03 | 0070 |
| | DATA | : S001000 | |
| | BE PROGRAM | : TM1.000 | |
| | NVM | : TD1.000 | |
| | PACK | : TP1.000 | |
| | BOOT | : TB1.000 | |
| | | SERVICE | 00100 |

The screen displays the first category in the selected service menu.

NOTE: If the Service Menu display text is not completely visible, press the Menu **HOME** button on the Remote Commander to refresh the display.

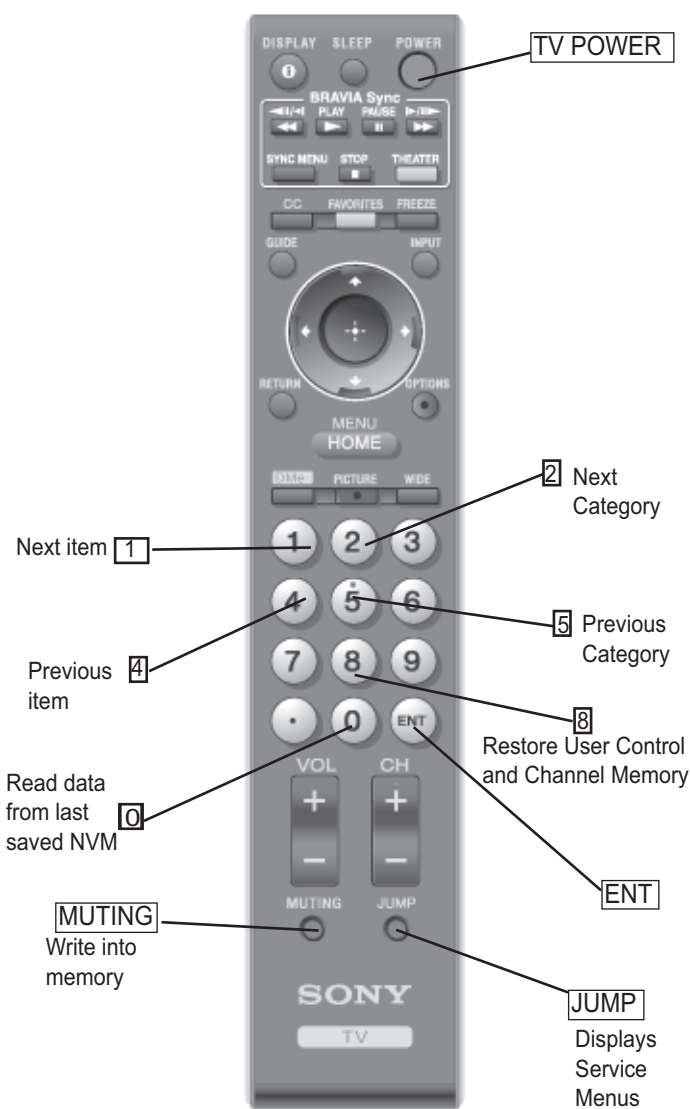
2. To change the **category**, press **2** or **5** on the Remote Commander.

Note: Pressing **2** or **5** only changes the categories within the service menu displayed.

To change a category on one of the other service menus, press the **JUMP** button until the correct service menu is displayed.

3. To change the **adjustment item**, press **1** or **4** on the Remote Commander.

4. To exit service mode, turn the power off.



RM-YD023

2-5. RESETTING TO FACTORY DEFAULTS

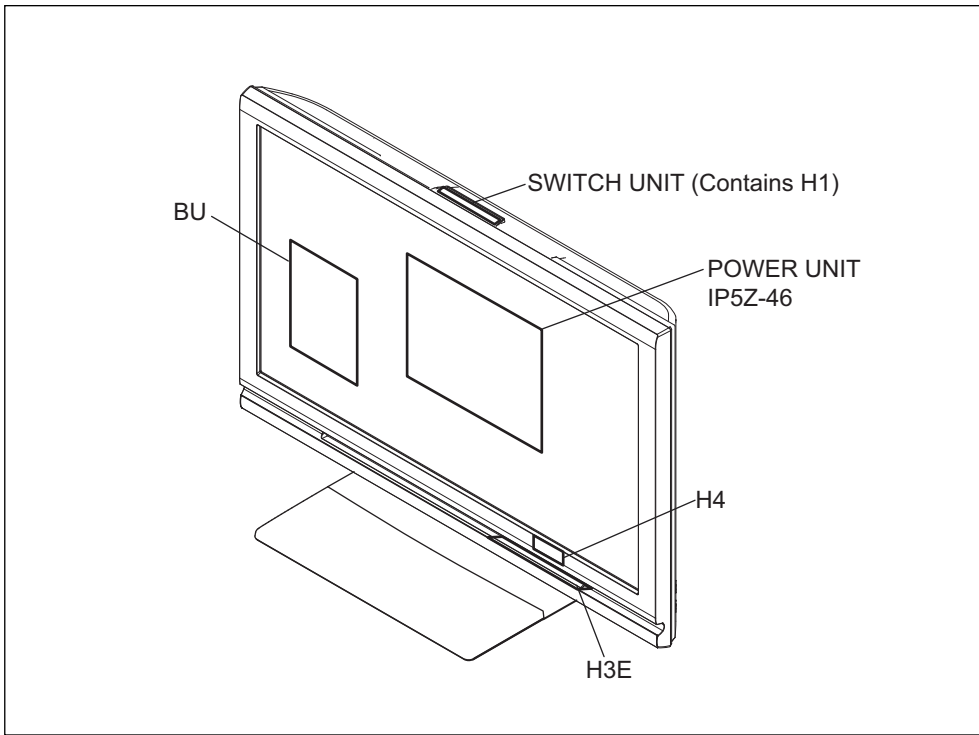
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the **▲** on the Remote Commander, press the POWER button on the Front Panel of the set.

The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows:

Pitch : 5mm
Rating electrical power : $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{16}\text{W}$ in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacé par une fusible de même valeur, comme marqué.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON

: FUSE NONFLAMMABLE FUSIBLE

: RW NONFLAMMABLE WIREWOUND

: RS NONFLAMMABLE METAL OXIDE

: RB NONFLAMMABLE CEMENT

: ※ ADJUSTMENT RESISTOR

CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

Terminal name of semiconductors in silk screen
printed circuit (※)

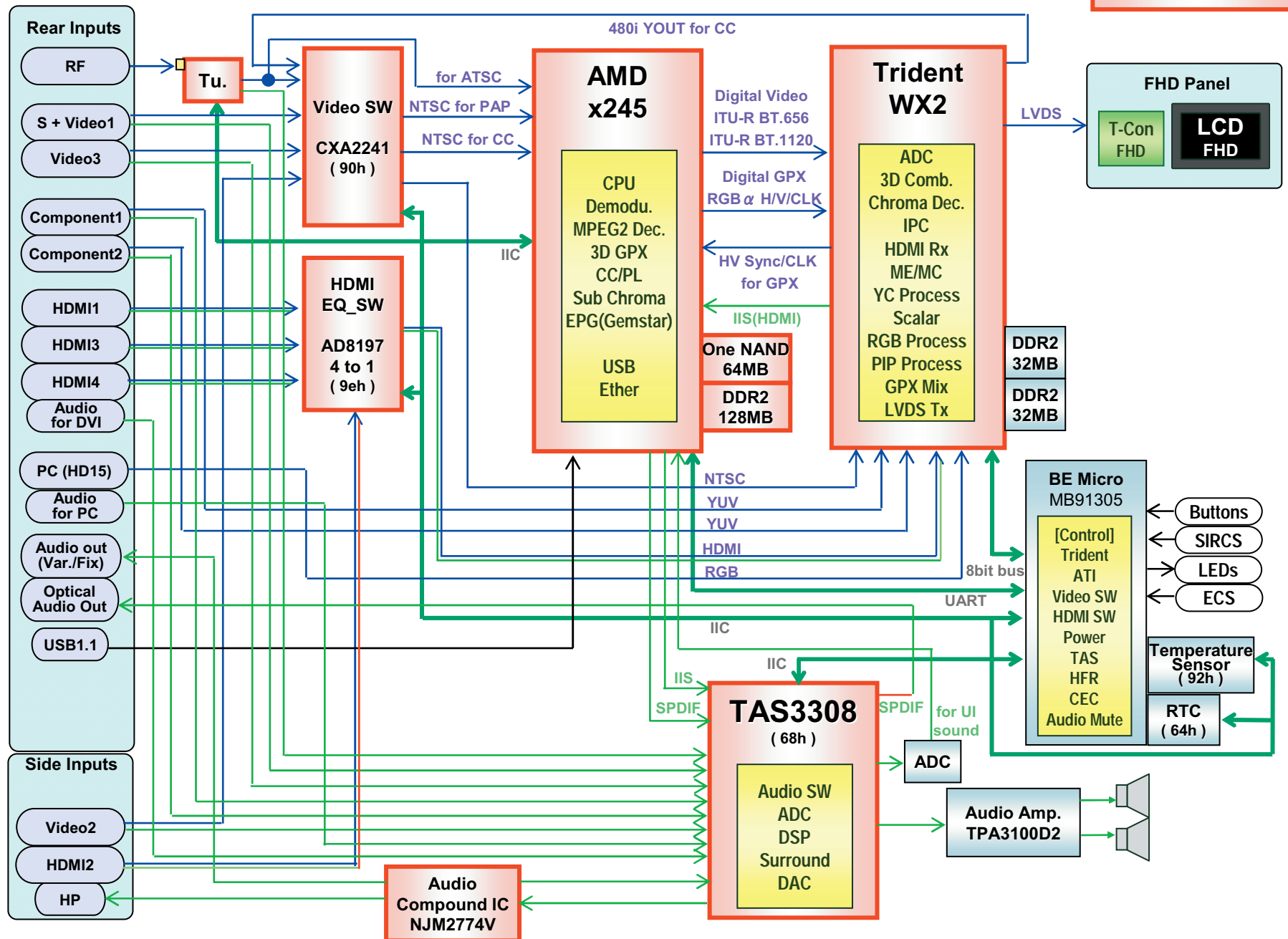
| | Device | Printed symbol | Terminal name | Circuit |
|-----|------------------------|----------------|--------------------------------------|---------|
| 1 | Transistor | | Collector Base Emitter | |
| 2 | Transistor | | Collector Base Emitter | |
| 3 | Diode | | Cathode Anode | |
| 4 | Diode | | Cathode Anode (NC) | |
| 5 | Diode | | Cathode Anode (NC) | |
| 6 | Diode | | Common Anode Cathode | |
| 7 | Diode | | Common Anode Cathode | |
| 8 | Diode | | Common Anode Anode | |
| 9 | Diode | | Common Anode Anode | |
| 0 | Diode | | Common Cathode Cathode | |
| !i | Diode | | Common Cathode Cathode | |
| !TM | Diode | | Anode Cathode Anode Cathode | |
| !£ | Transistor (FET) | | Drain Source Gate | |
| !Ç | Transistor (FET) | | Drain Source Gate | |
| !? | Transistor (FET) | | □ Source □ Drain □ Gate | |
| !§ | Transistor | | □ Emitter □ Collector □ Base | |
| !¶ | Transistor | | C2(B1)E1 E2(B2)C1 | |
| !• | Transistor | | C1(B2)E2 E1(B1)C2 | |
| !a | Transistor | | C1 B2 E2 E1 B1 C2 | |
| @° | Transistor | | C1 B2 E2 E1 B1 C2 | |
| @ı | Transistor | | E2 B1 E1 C2 C1(B2) | |
| @TM | Transistor | | (B2) B1 E1 E2 C1 C2 | |
| @£ | Transistor | | (B2) E2 E1 B1 C2 C1 | |
| — | Discrete semiconductot | | | |

(Chip semiconductors that are not actually used are included.)

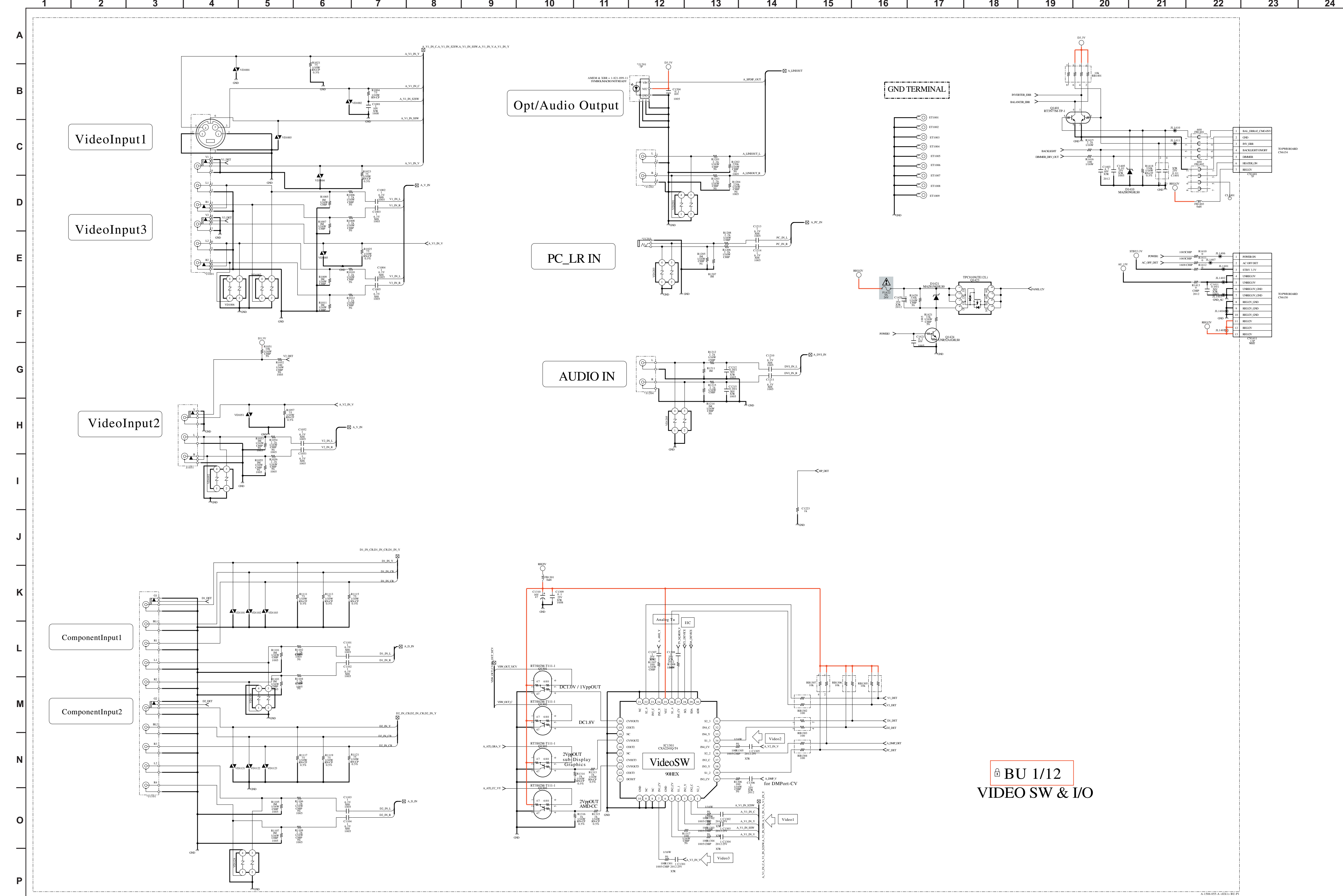
Ver.1.6

3-3. BLOCK DIAGRAM

New Device

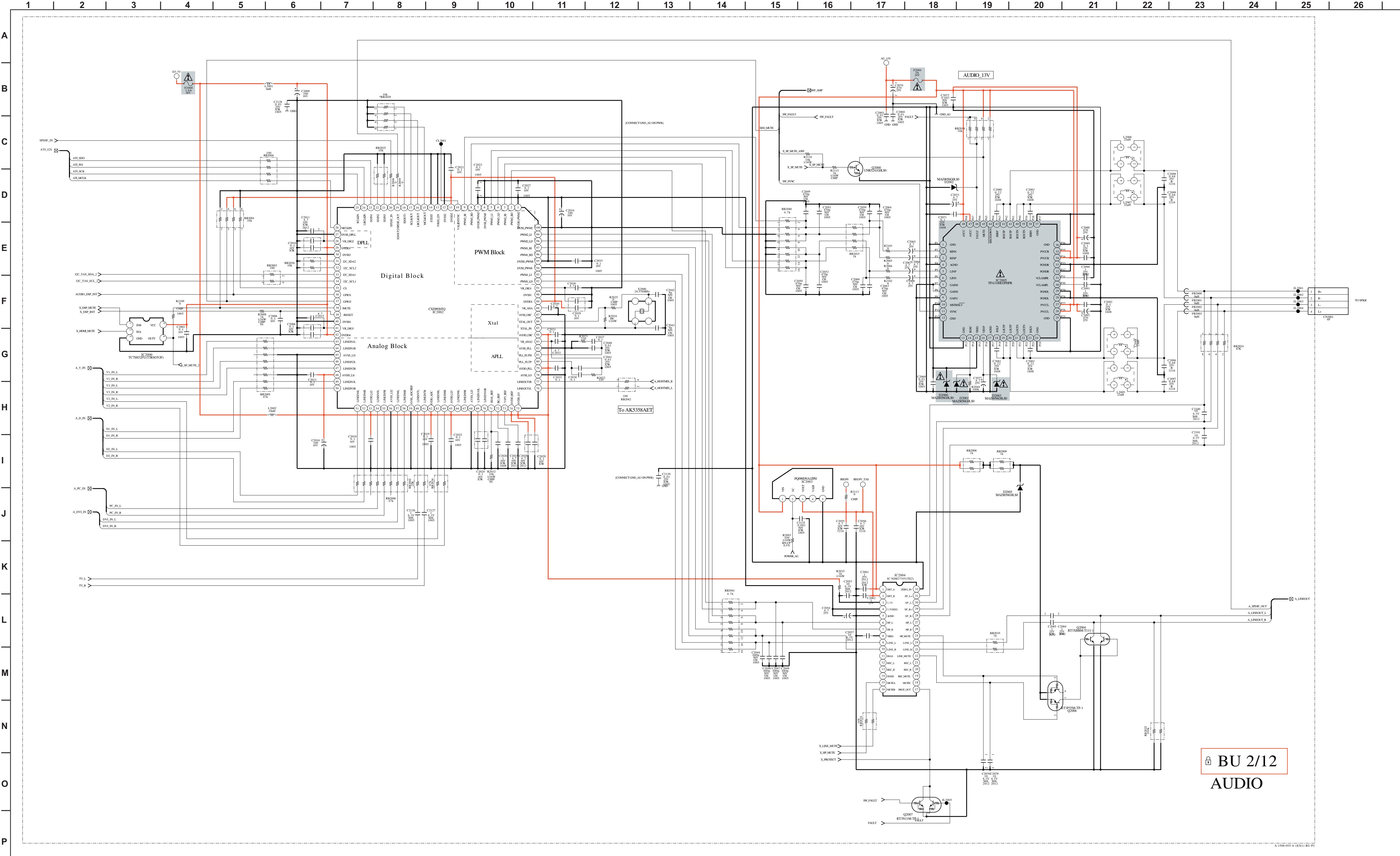


3-4. SCHEMATICS AND SUPPORTING INFORMATION
BU BOARD SCHEMATIC DIAGRAM (1 OF 12)

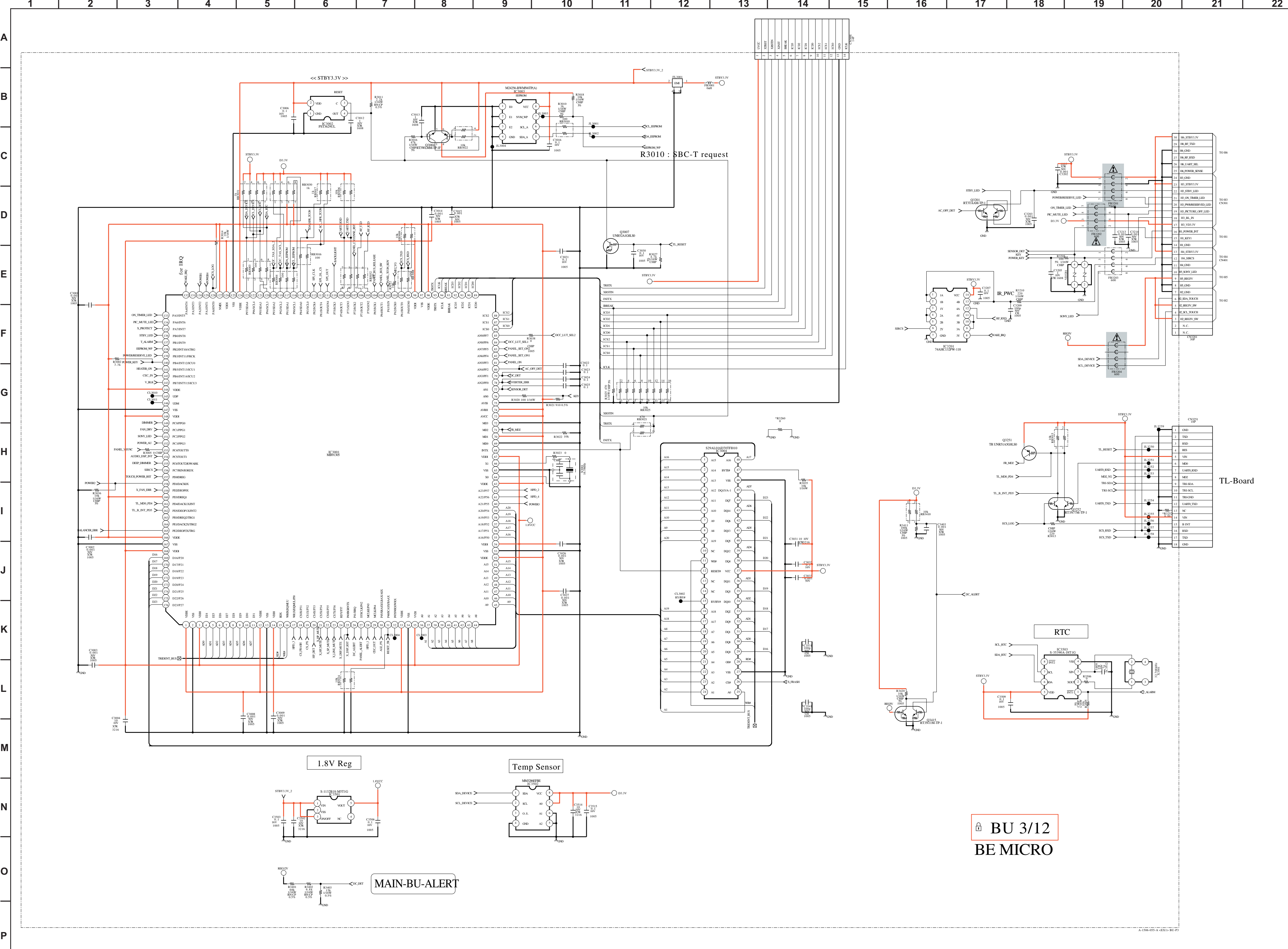


BU 1/12
VIDEO SW & I/O

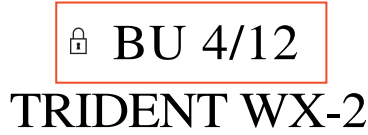
BU BOARD SCHEMATIC DIAGRAM (2 OF 12)



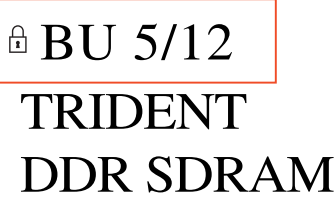
BU BOARD SCHEMATIC DIAGRAM (3 OF 12)



| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

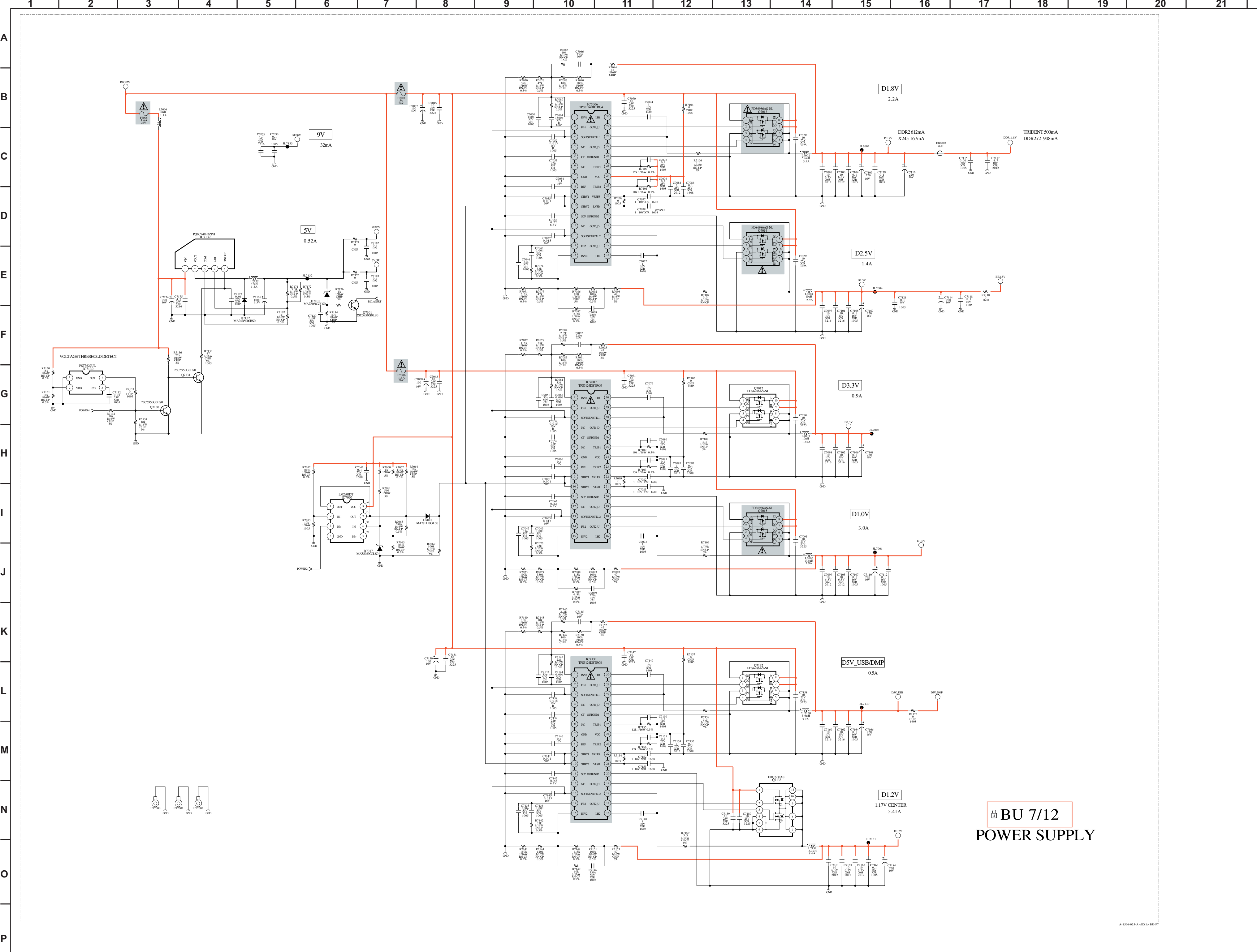


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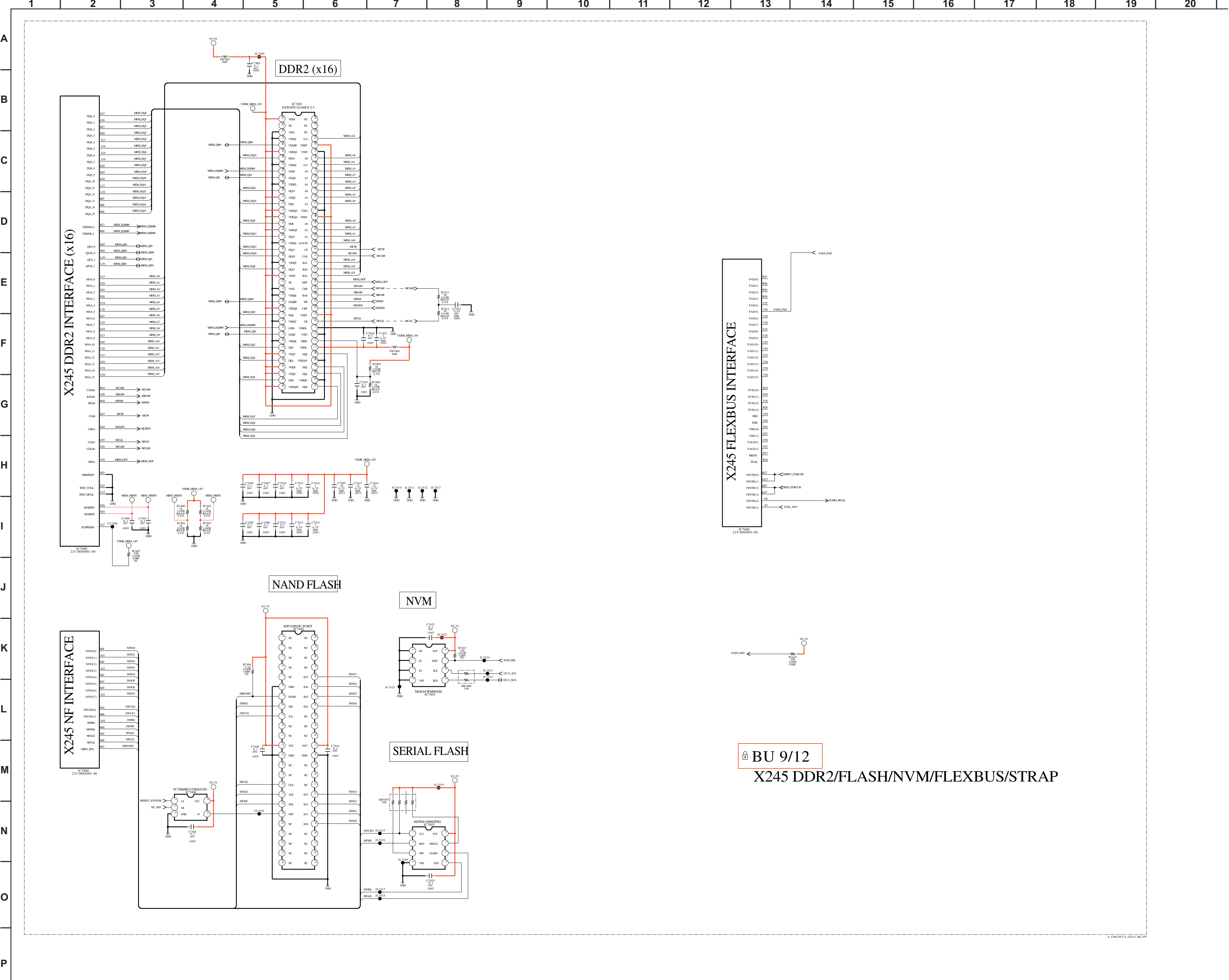
BU BOARD SCHEMATIC DIAGRAM (7 OF 12)



BU 7/12
POWER SUPPLY



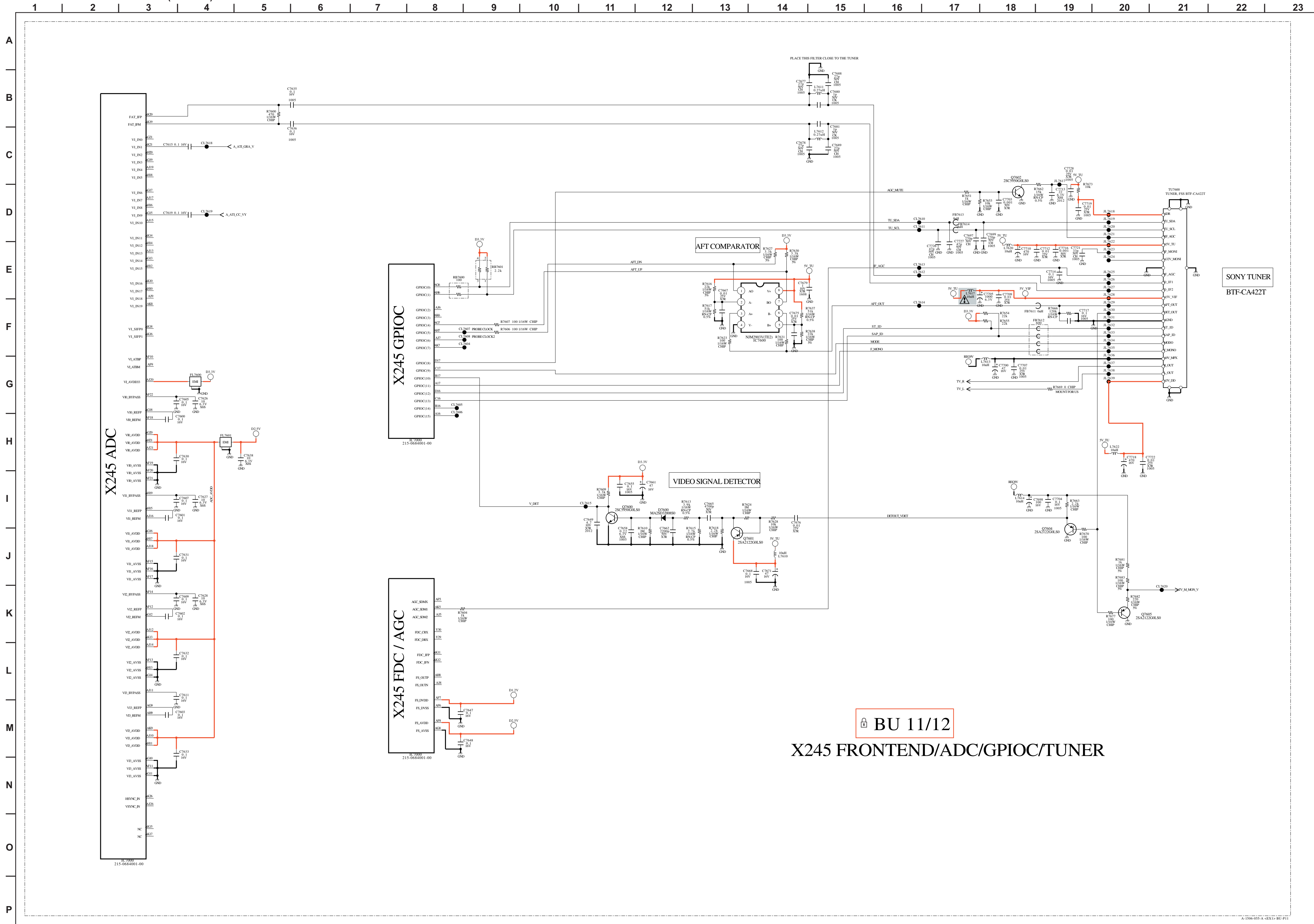
BU BOARD SCHEMATIC DIAGRAM (9 OF 12)



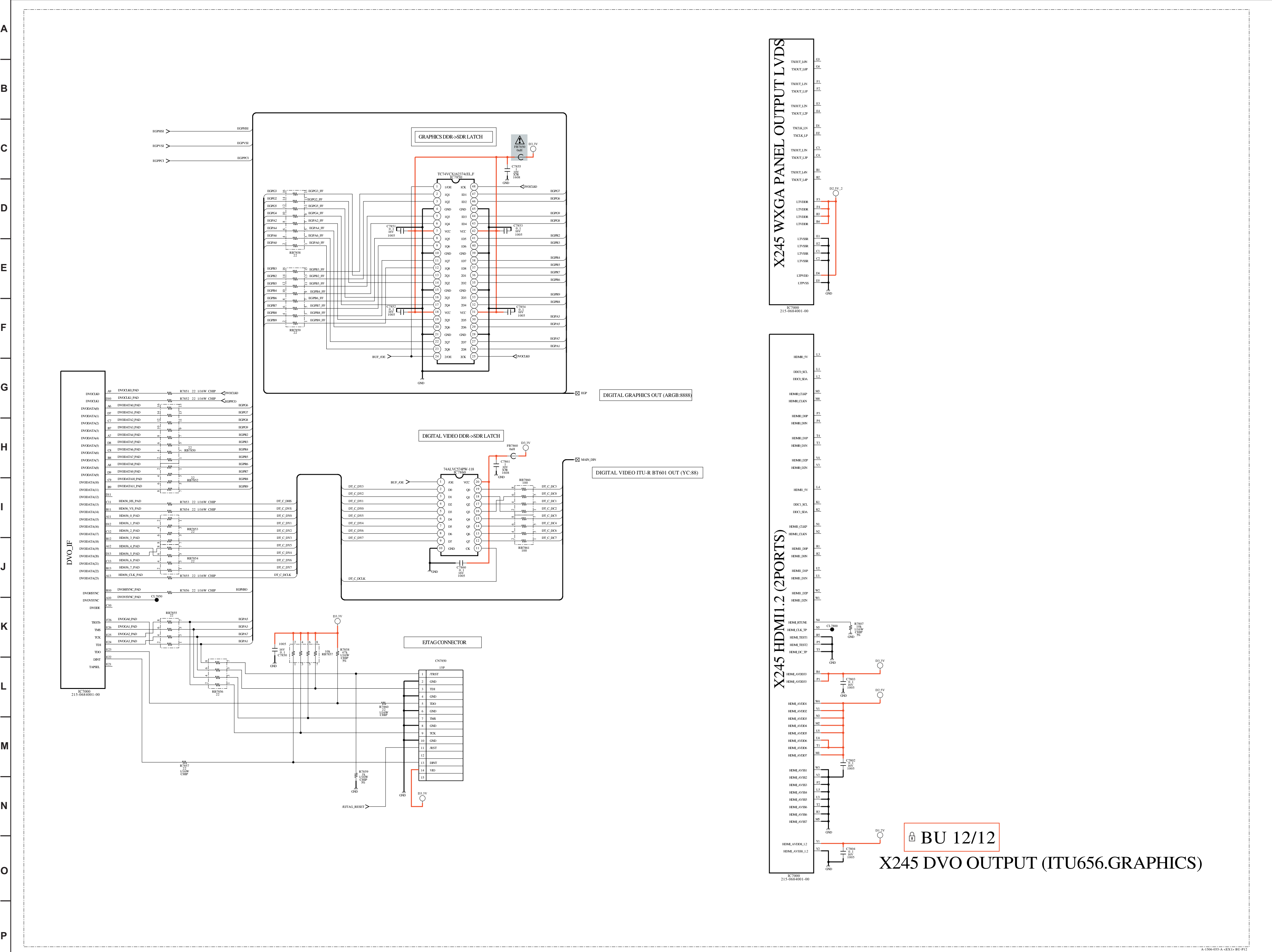
BU 9/12
X245 DDR2/FLASH/NVM/FLEXBUS/STRAP

KDL-46V4100



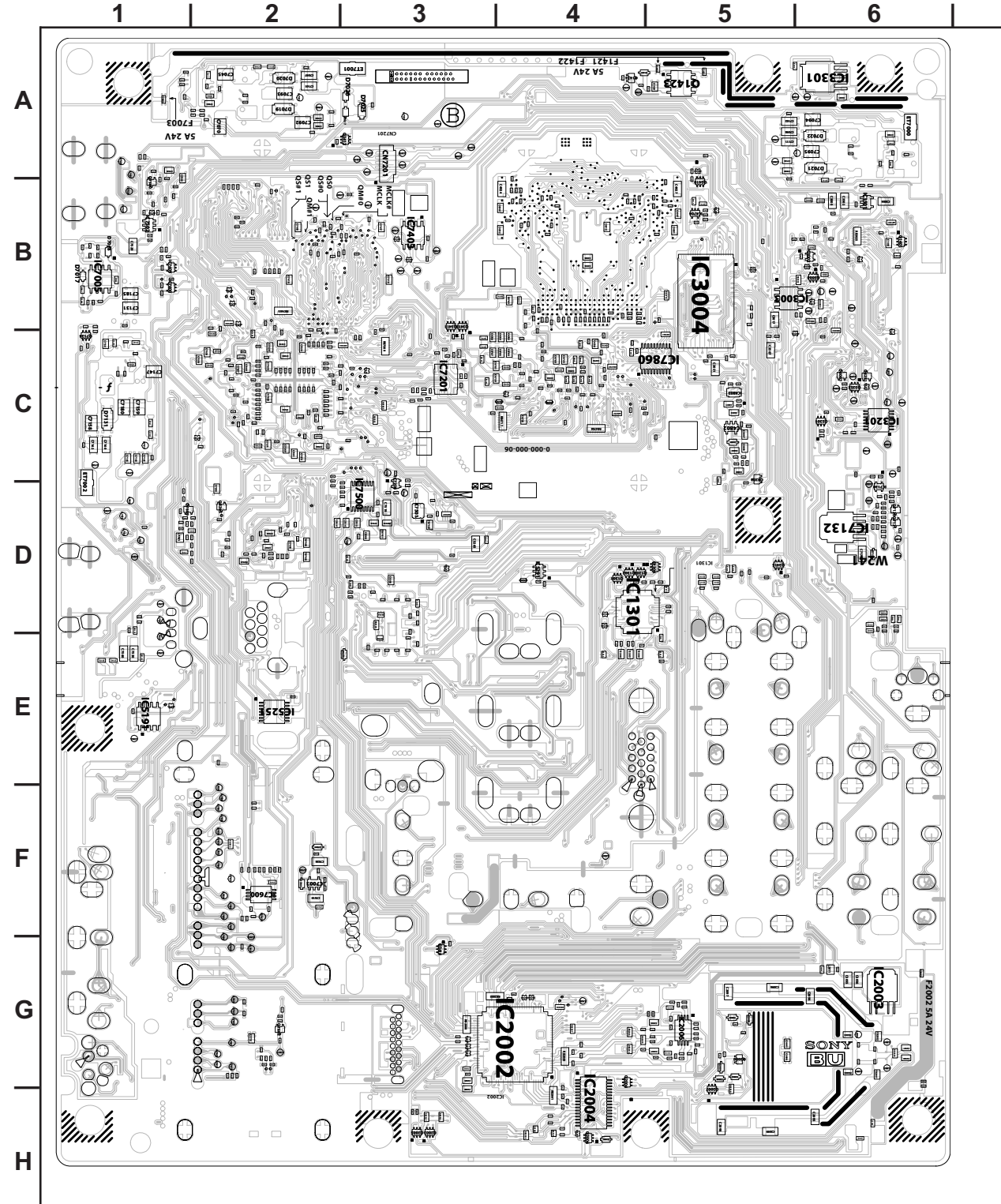


1 2 3 4

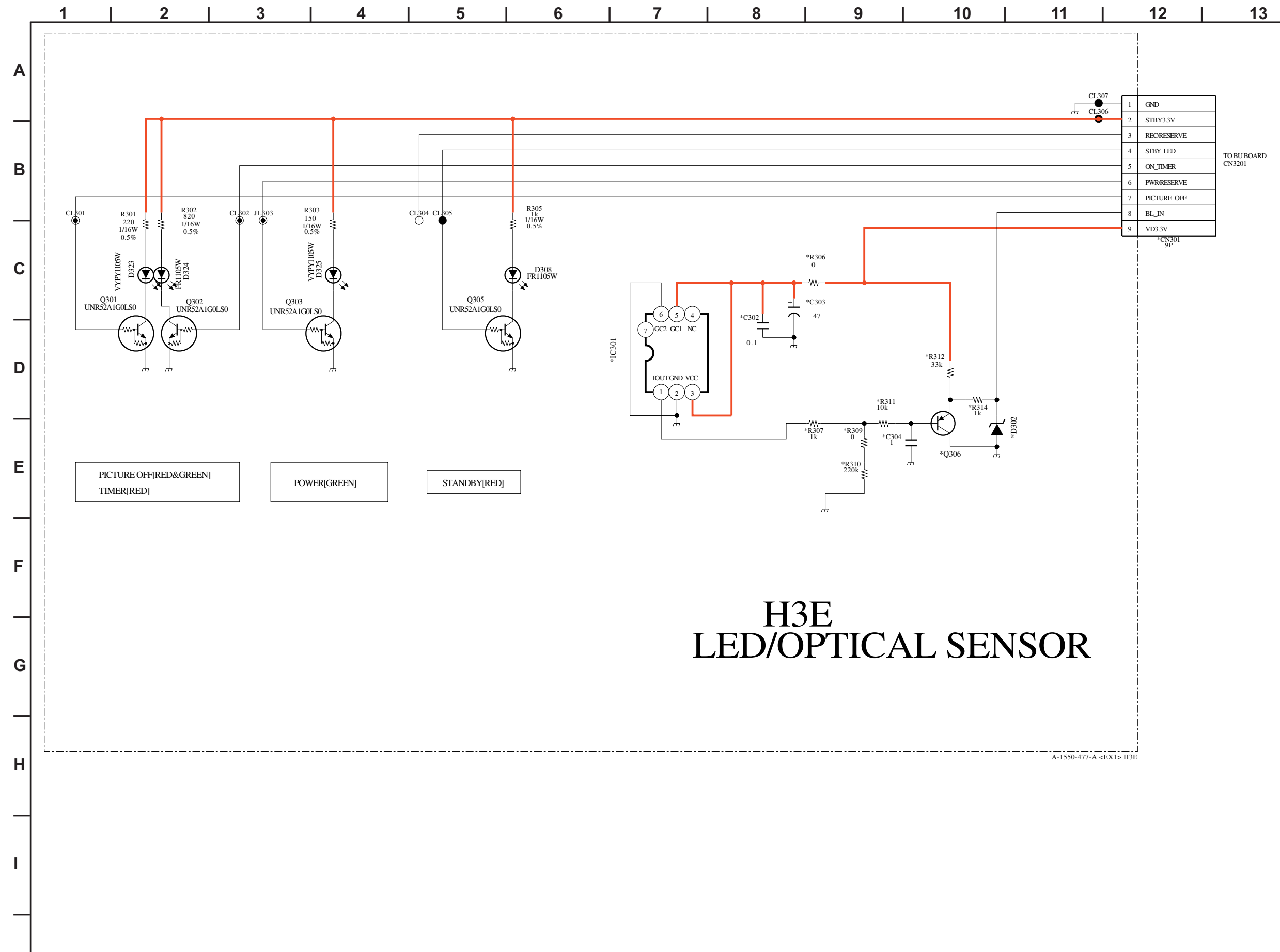


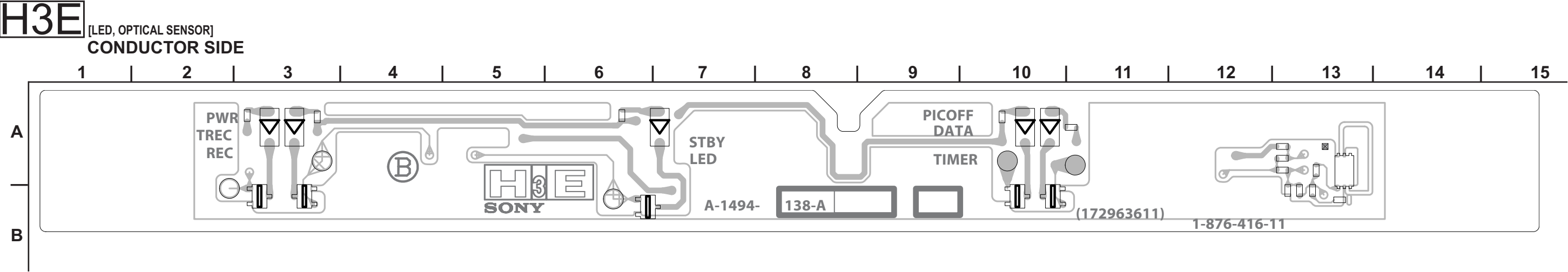
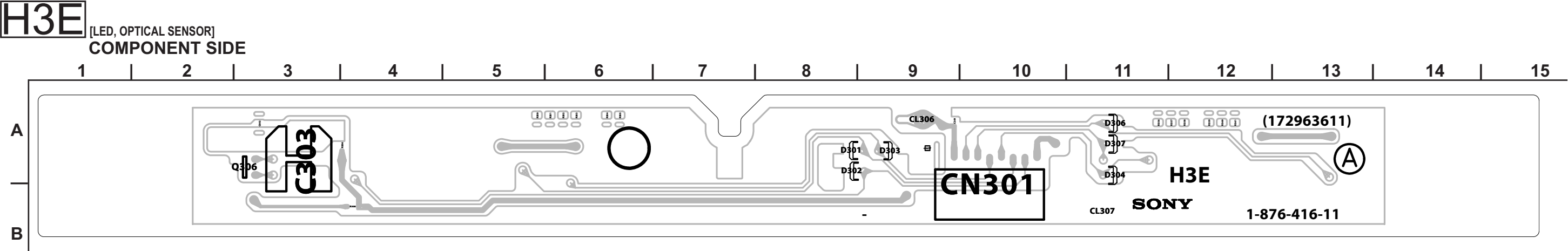
COMPONENT SIDE

CONDUCTOR SIDE

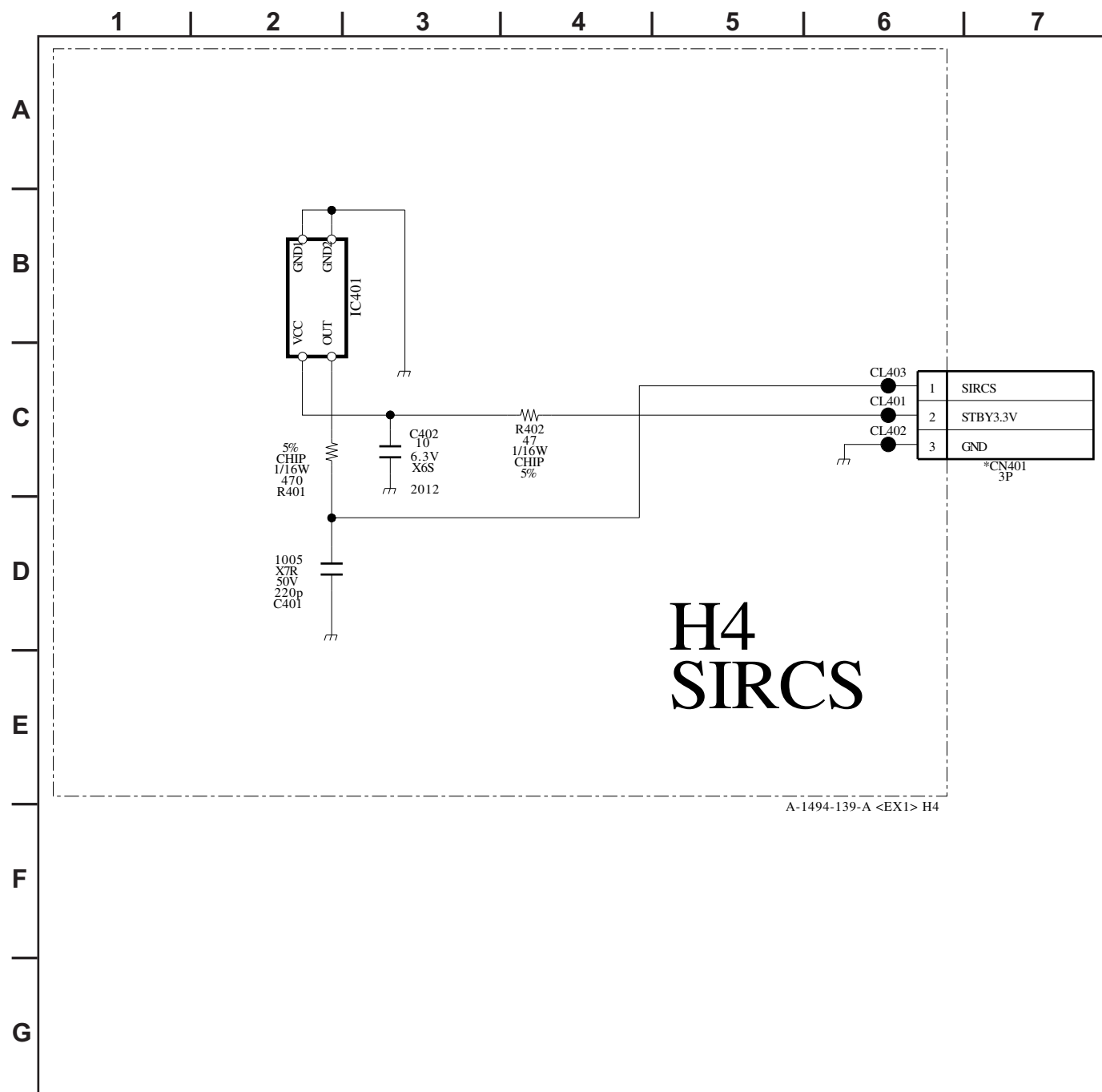


H3E BOARD SCHEMATIC DIAGRAM

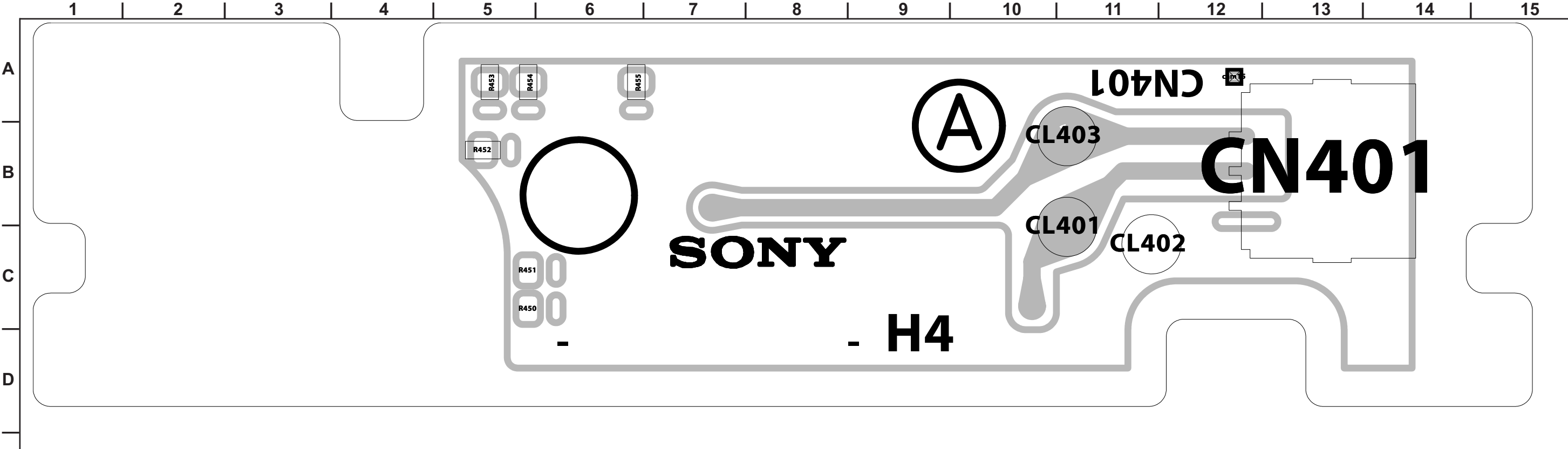




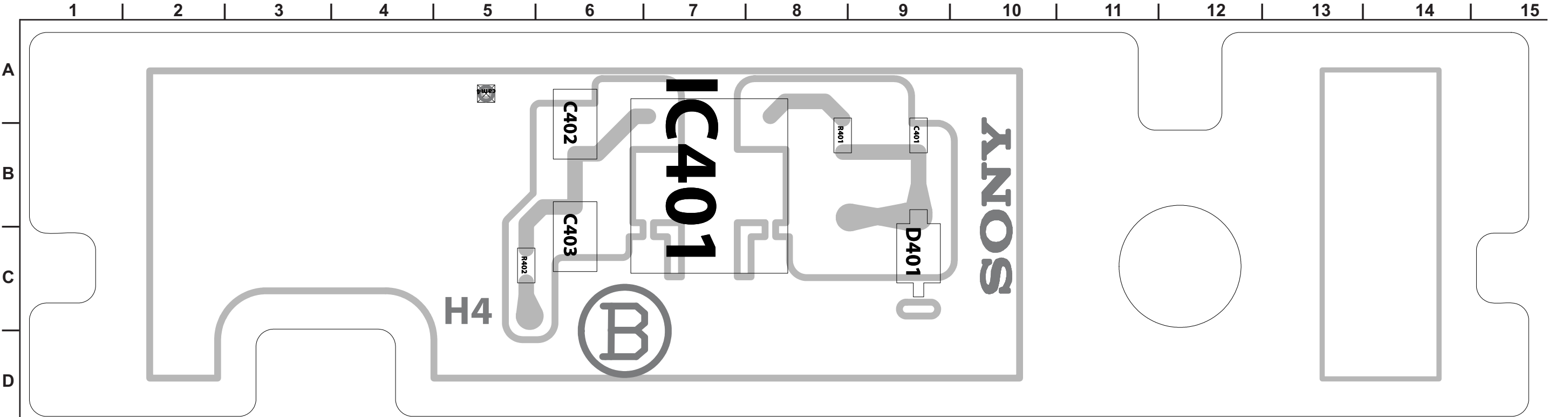
H4 BOARD SCHEMATIC DIAGRAM



H4 [SIRCS]
COMPONENT SIDE



H4 [SIRCS]
CONDUCTOR SIDE

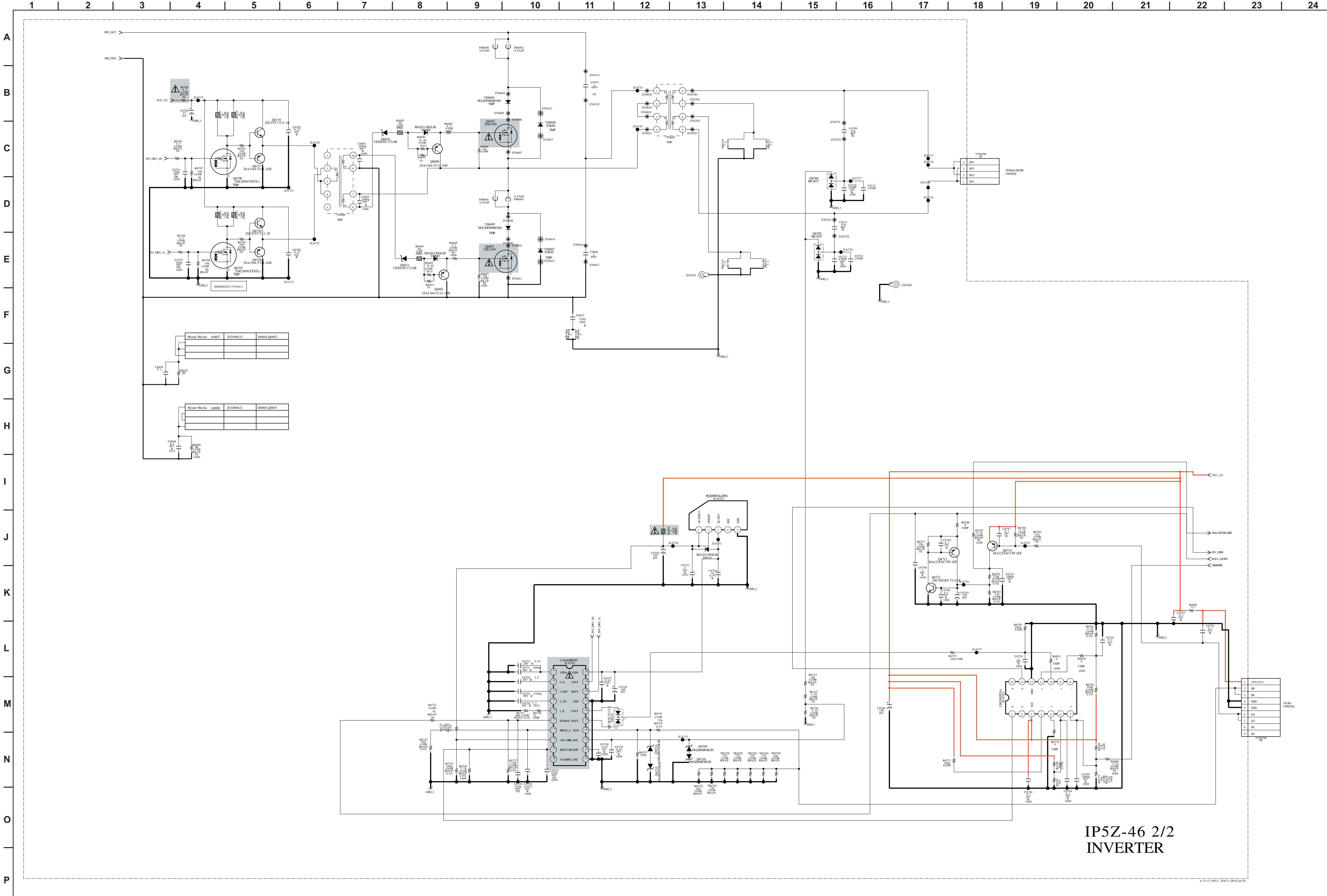


KDL-46V4100



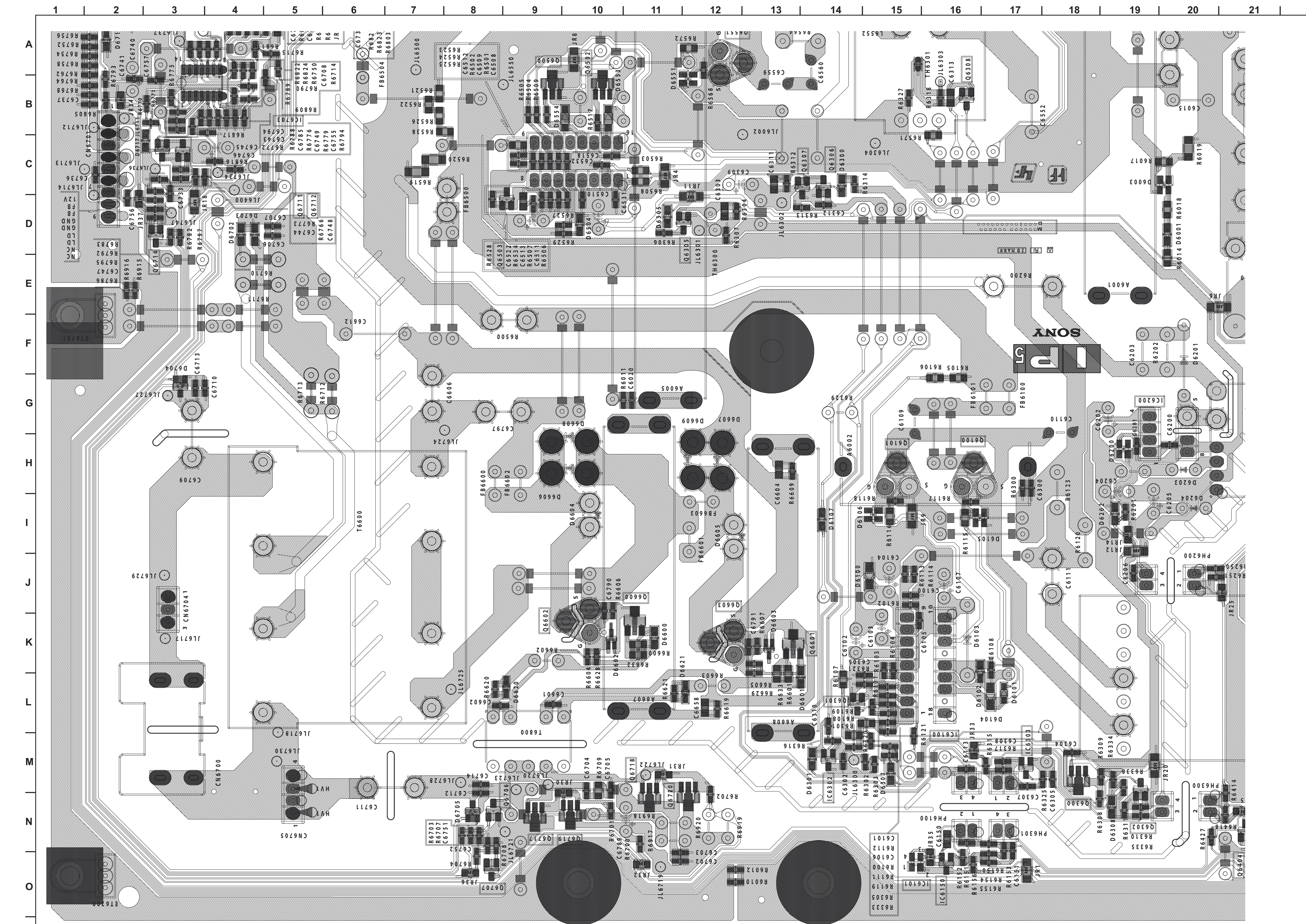
KDL-46V4100

IP5Z BOARD SCHEMATIC DIAGRAM (2 OF 2)



IP5Z-46 2/2
INVERTER

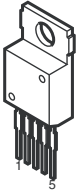
KDL-46V4100



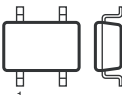
3-5. SEMICONDUCTORS

IC

BA00AST-V5

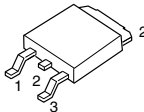


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

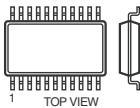


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

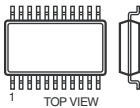


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



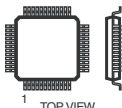
8Pin SOP

CD4052BNSR
FMS6418AM16X



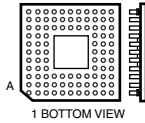
16Pin SOP

CXA2188Q-T4



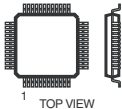
40Pin QFP

EM6A9320BI-5MG



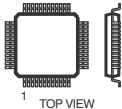
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



48Pin QFP

HD64F2378-12681-01

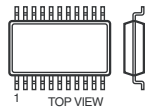


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

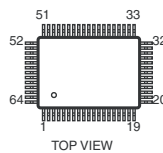


20Pin SOP

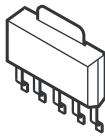
MM1431ATT



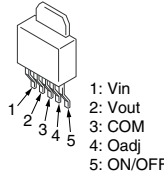
NJW1149AFH1



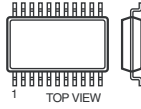
PQ1CY1032ZP



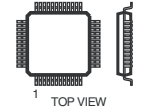
PQ1CZ41H2ZPH



RV5C387A-E2-FB

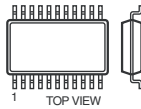


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



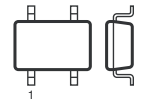
14Pin SOP

STR-A6169



8Pin DIP

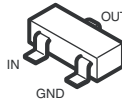
TK11819MTL



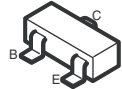
6Pin CHIP

TRANSISTOR

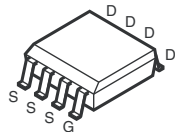
DTC114EU
DTC114EUAFT106



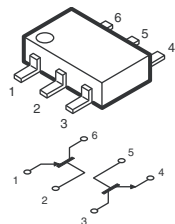
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DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



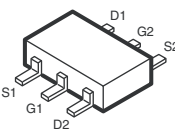
FDS6690A



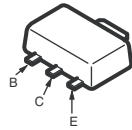
HN1B01FU-TE85R



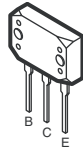
SSM6N15FU(TE85R)



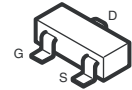
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2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

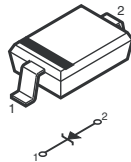


2SK2158-T2B

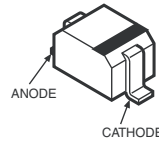


DIODE

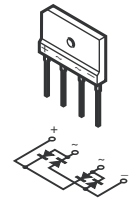
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



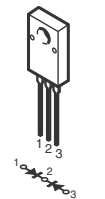
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



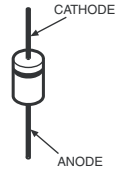
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



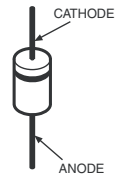
D10SC6M



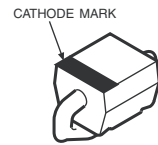
D1NL40-TA2
D1NL40-TR2
ERA22-08



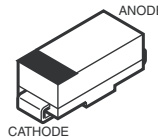
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



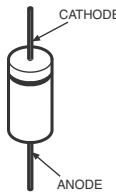
EC10QS-04
EC10QS04-TE12L5



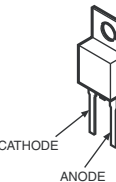
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



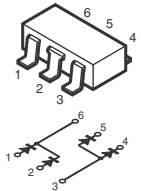
ERA22-08KFLB



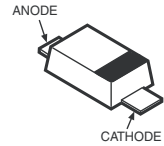
FSF05A60



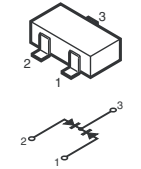
HN1D03FU-TE85L
HN1D03FU-TE85R



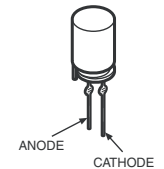
M1FM3



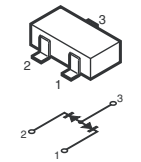
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



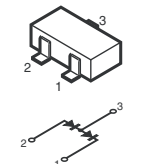
UDZSTE-1710B



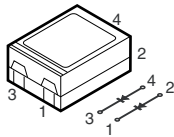
UMZ16NT106



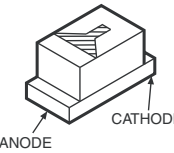
1PS302



SML-020MVT-T86



SML-310LTT86





SECTION 4: EXPLODED VIEWS


Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

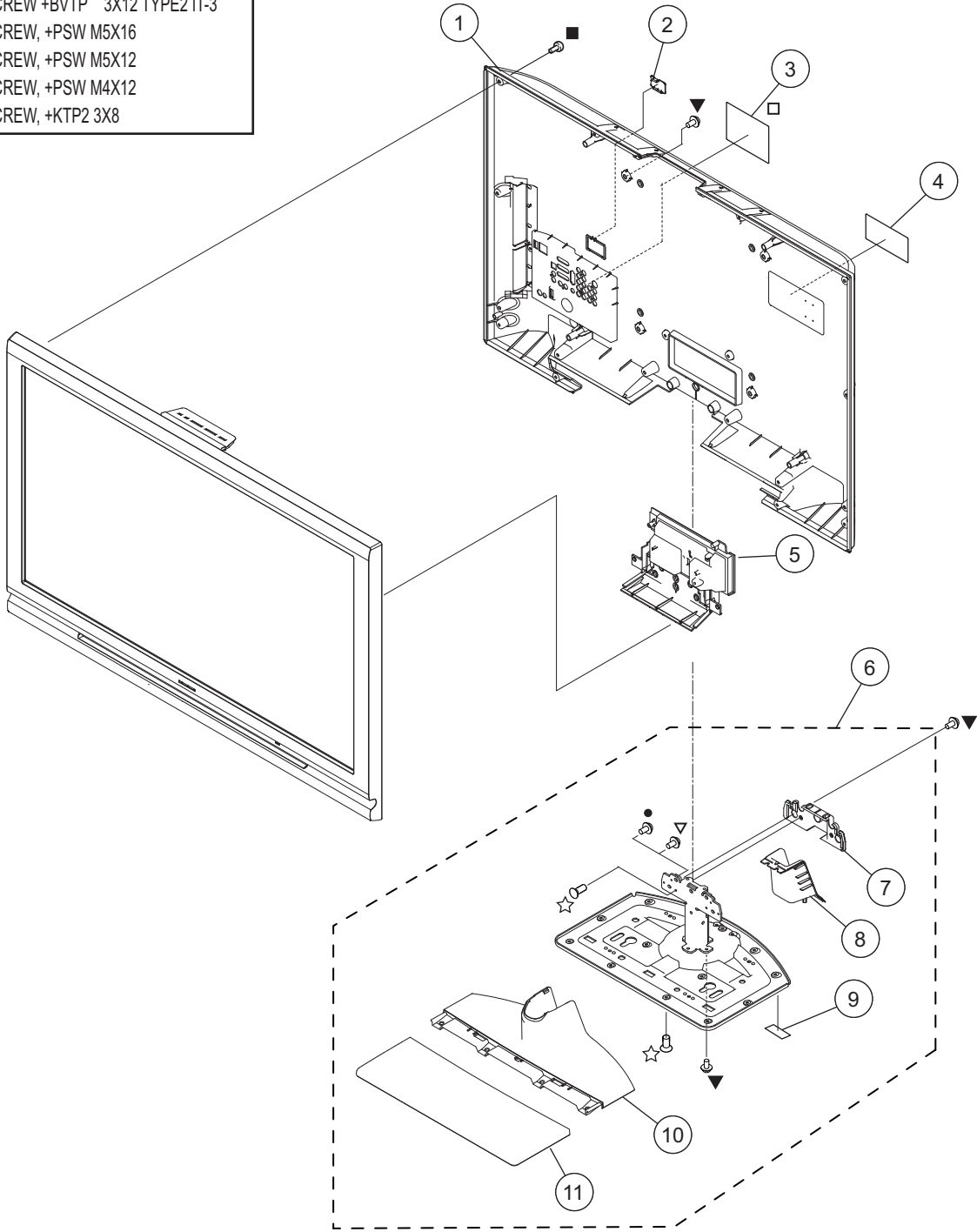
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-1. REAR COVER ASSEMBLY AND STAND ASSEMBLY
(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


- 2-580-640-01 SCREW, +BVTP2 4X16
- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- ▼ 2-580-608-01 SCREW, +PSW M5X16
- ▽ 2-580-607-01 SCREW, +PSW M5X12
- 2-580-602-01 SCREW, +PSW M4X12
- ☆ 2-580-644-01 SCREW, +KTP2 3X8



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|--------------------|---------------------|----------|--------------|--------------------|---------------------|
| 1 | 3-290-822-01 | COVER, REAR (46) | | 6 | A-1526-338-A | STAND ASSEMBLY (L) | [7-11] |
| 2 | 3-297-324-01 | COVER, ECS | | 7 | 3-290-812-01 | COVER, EDGE (L/ML) | |
| 3 | 3-298-457-11 | LABEL, TERMINAL | | 8 | 3-290-831-01 | COVER, USER(L) | |
| * 4 | 3-879-890-01 | LABEL, INFORMATION | | 9 | 3-295-631-01 | FOOT (15X20) | |
| 5 | 3-290-804-01 | COVER, UNDER (L2) | | 10 | 3-290-914-01 | COVER, NECK (L) | |
| | | | | 11 | 3-290-915-01 | COVER, STAND (L) | |




NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

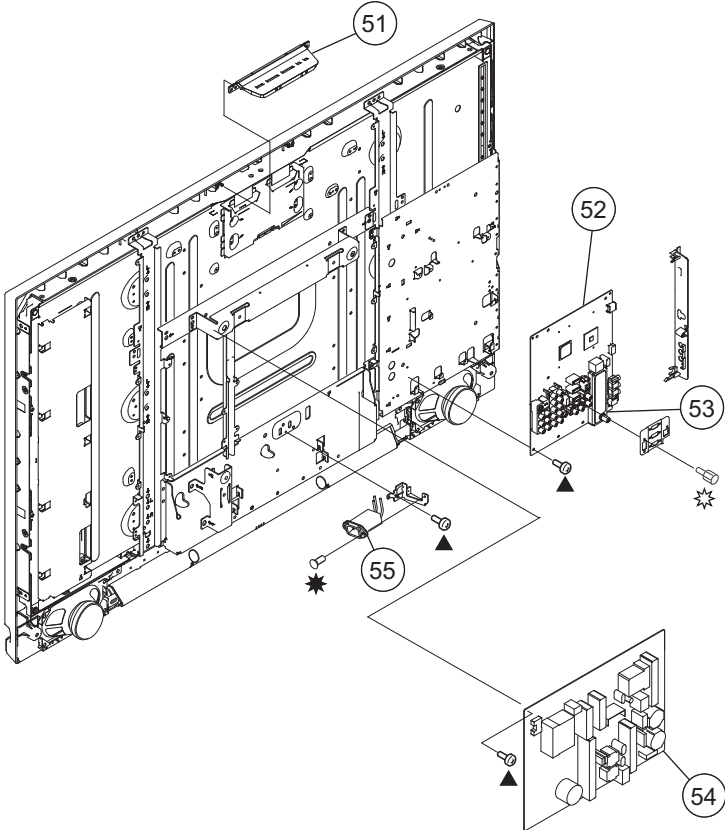
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.




NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-2. CHASSIS


(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


-  2-580-629-01 SCREW, +BVST 3X8
-  2-596-649-01 +KTT 3X10 (S TYPE)
-  4-635-966-01 SCREW (HEX)



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|--|--------------|--|---------------------|--|--------------|----------------------|---------------------|
| 51 | 1-480-706-11 | SWITCH UNIT (CONTAINS H1 BOARD) | | 54 | A-1511-390-C | IP5Z BOARD, COMPLETE | |
|  52 | A-1547-087-A | BU BOARD, COMPLETE (US AND CANADA MODELS ONLY) | |  55 | 1-821-909-11 | AC INLET | |
|  52 | A-1559-823-A | BU BOARD, COMPLETE (MEXICO AND LATIN AMERICA MODELS ONLY) | | | | | |
| 53 | 8-597-661-00 | TUNER, FSS BTF-CA422T | | | | | |

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

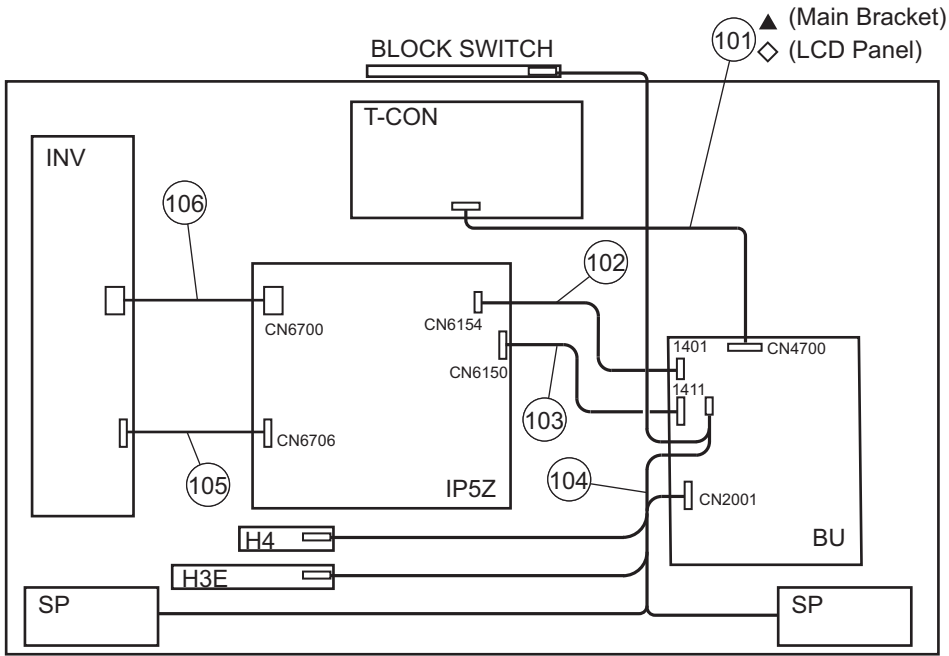
NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS


(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


| | | |
|---|--------------|------------------|
| ▲ | 2-580-629-01 | SCREW, +BVST 3X8 |
| ◇ | 2-580-591-01 | SCREW, +PSW M3X5 |


NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32.



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|---------------------------------|---------------------|----------|--------------|---------------------------|---------------------|
| 101 | 1-835-270-11 | LEAD WIRE WITH CONNECTOR (LVDS) | | 104 | 1-910-043-93 | HARNESS ASSEMBLY, 30P | |
| 102 | 1-910-043-92 | CONNECTOR ASSEMBLY, 5P | | 105 | 1-910-043-94 | CONNECTOR ASSEMBLY, 9P | |
| 103 | 1-910-043-91 | CONNECTOR ASSEMBLY, 13P | | * 106 | 1-835-148-11 | CONNECTOR ASSEMBLY, MDF61 | |

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

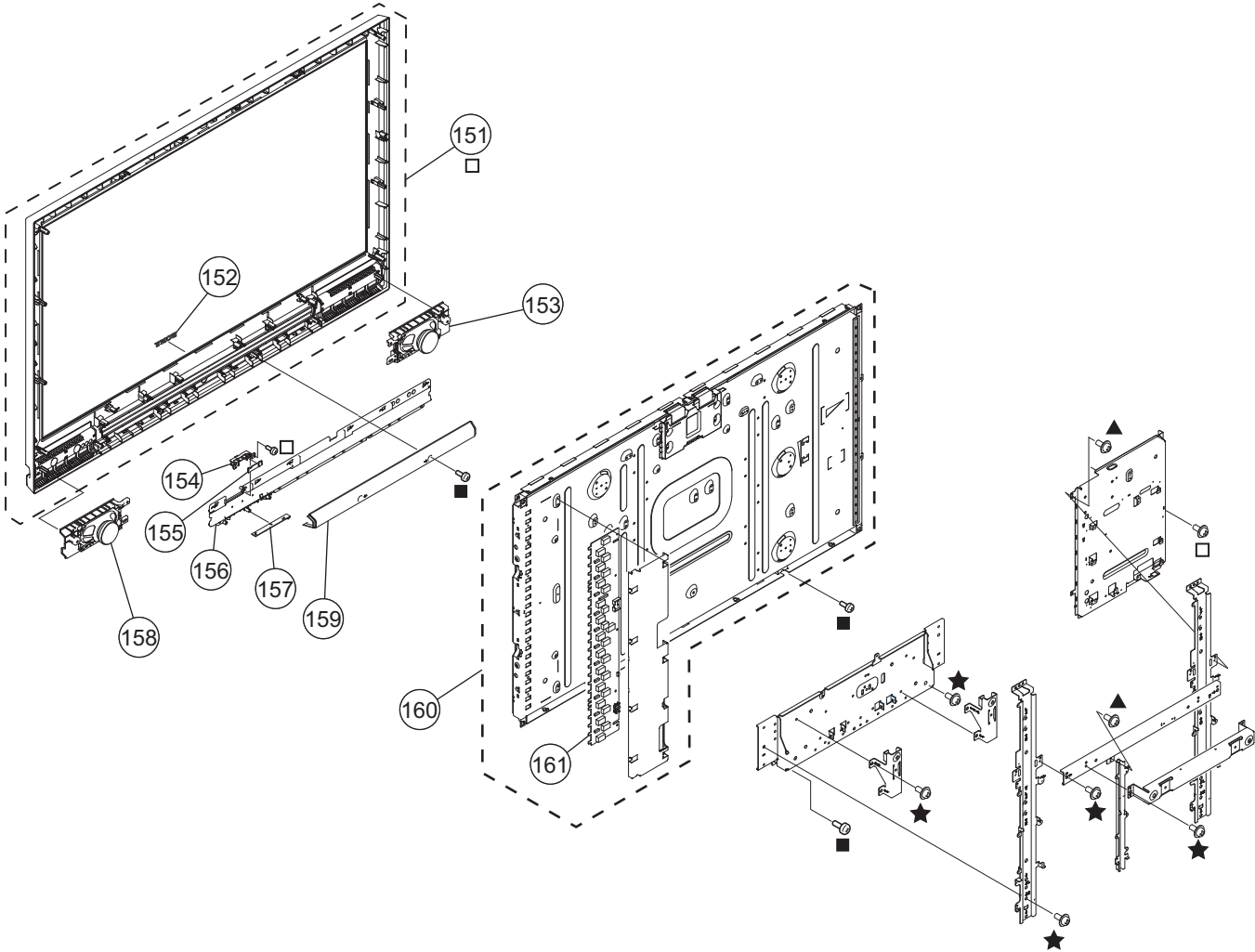
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-4. BEZEL ASSEMBLY AND LCD PANEL


(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


| | | |
|---|--------------|-----------------------------|
| ■ | 2-580-640-01 | SCREW, +BVTP2 4X16 |
| □ | 7-685-648-79 | SCREW +BVTP 3X12 TYPE2 IT-3 |
| ★ | 2-580-606-01 | SCREW, +PSW M5X8 |
| ▲ | 2-580-629-01 | SCREW, +BVST 3X8 |



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|------------------------|---------------------|----------|--------------|----------------------------------|---------------------|
| 151 | X-2188-838-1 | BEZEL ASSEMBLY (46AM) | [152] | * 156 | 3-290-821-01 | PANEL, CLEAR (46) | |
| 152 | 2-635-749-11 | EMBLEM, SONY NO.9 | | 157 | A-1550-477-A | H3E BOARD, MOUNTED | |
| 153 | 1-826-890-12 | LOUDSPEAKER (6.5X15CM) | | 158 | 1-826-890-22 | LOUDSPEAKER (6.5X15CM) | |
| 154 | 3-290-800-01 | GUIDE, LIGHT | | 159 | 3-290-824-11 | BAR, UNDER (L) | |
| 155 | A-1494-139-A | H4 BOARD, MOUNTED | | | | | |
| | | | | 160 | 1-802-650-11 | LCD PANEL (46INCH FHD TFT) | [161] |
| | | | | 161 | 1-857-047-11 | (BALANCER) ETC-INVERTER MT BOARD | |

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-5. SCREW LEGEND

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


| P/N | DISCRIPTION | REMARKS | TOTAL |
|----------------|-----------------------------|---|-------|
| ■ 2-580-640-01 | SCREW, +BVTP2 4X16 | REAR COVER-21 UNDER BAR-2 LCD-2 BOTTOM BRKT-4 | 29 |
| □ 7-685-648-79 | SCREW +BVTP 3X12 TYPE2 IT-3 | BEZEL-4 REAR COVER-2 GUIDE LIGHT-1 MAIN BRKT-1 | 8 |
| ▼ 2-580-608-01 | SCREW, +PSW M5X16 | REAR COVER-6 STAND-4 STAND BASE-4 | 14 |
| ▽ 2-580-607-01 | SCREW, +PSW M5X12 | STAND-5 | 5 |
| ● 2-580-602-01 | SCREW, +PSW M4X12 | STAND-2 | 2 |
| ☆ 2-580-644-01 | SCREW, +KTP2 3X8 | STAND-14 EDGE COVER-2 | 16 |
| ★ 2-580-606-01 | SCREW, +PSW M5X8 | SPINE-10 VESA TOP-2 VESA BOTTOM-4 BOTTOM FRAME-1 CENTER FRAME-2 | 19 |
| ○ 2-580-600-01 | SCREW, +PSW M4X8 | EARTH LEAD-1 | 1 |
| ▲ 2-580-629-01 | SCREW, +BVST 3X8 | G FRAME-2 MAIN BRKT-3 LVDS-1 IP5-6 BU-9 AC BRKT-1 G SUPPORT-2 | 24 |
| ⚙ 4-635-966-01 | SCREW (HEX) | HDMI - 2 | 2 |
| ✱ 2-596-649-01 | +KTT 3X10 (S TYPE) | AC INLET - 2 | 2 |
| ◇ 2-580-591-01 | SCREW, +PSW M3X5 | LVDS-1 | 1 |

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifique.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|---|--------------|--------------|---------|-----|-------|----------|--------------|--------------|-------------------|-----|-----|
| <div><div><div>BU</div></div><div><div><div><div><div></div></div></div><div><div><div>A-1547-087-A</div><div>BU BOARD, COMPLETE (US AND CANADA MODELS ONLY)</div></div></div><div><div><div>A-1559-823-A</div><div>BU BOARD, COMPLETE (MEXICO AND LATIN AMERICA MODELS ONLY)</div></div></div></div></div></div> | | | | | | C1307 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| | | | | | | C1308 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| | | | | | | C1309 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| | | | | | | C1310 | 1-100-766-21 | ELECT CHIP | 47μF | 20% | 16V |
| | | | | | | C1401 | 1-114-353-11 | CAP, CERAMIC | 0.01MF X7R (1410) | | |
| | | | | | | C1403 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| | | | | | | C1405 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| | | | | | | C1411 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| | | | | | | C1420 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| | | | | | | C1421 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| CAPACITOR | | | | | | C2001 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1001 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C2003 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C1002 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2004 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C1003 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2006 | 1-114-354-11 | CAP, CERAMIC | 0.1MF X7R (1410) | | |
| C1004 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2008 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1005 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2009 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C1052 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2010 | 1-114-354-11 | CAP, CERAMIC | 0.1MF X7R (1410) | | |
| C1053 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2011 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1101 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2013 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1102 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2015 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1103 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2016 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C1104 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2018 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1204 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C2019 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1210 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2021 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1211 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2022 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1212 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C2023 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1213 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2024 | 1-114-354-11 | CAP, CERAMIC | 0.1MF X7R (1410) | | |
| C1214 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C2025 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1215 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C2026 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C1223 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W | C2027 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1301 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C2028 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1302 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C2029 | 1-114-354-11 | CAP, CERAMIC | 0.1MF X7R (1410) | | |
| C1303 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C2030 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1304 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C2031 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C1305 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C2032 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C1306 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | | | | | | |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|------------------|--------|------|----------|--------------|--------------|---------|-----|------|
| C2033 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C2083 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V |
| C2034 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V | C2084 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C2035 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C2085 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C2036 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V | C2088 | 1-114-193-11 | ELECT CHIP | 470μF | 20% | 25V |
| C2037 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C2089 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C2038 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C2090 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C2039 | 1-114-354-11 | CAP, CERAMIC | 0.1MF X7R (1410) | | | C2091 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C2040 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C2092 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C2041 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C2093 | 1-114-193-11 | ELECT CHIP | 470μF | 20% | 25V |
| C2042 | 1-164-849-11 | CERAMIC CHIP | 9pF | 0.50pF | 50V | C2096 | 1-165-818-91 | CERAMIC CHIP | 0.68μF | 10% | 25V |
| C2043 | 1-164-849-11 | CERAMIC CHIP | 9pF | 0.50pF | 50V | C2097 | 1-165-818-91 | CERAMIC CHIP | 0.68μF | 10% | 25V |
| C2044 | 1-114-410-21 | CERAMIC CHIP | 680pF | 2% | 50V | C2098 | 1-165-818-91 | CERAMIC CHIP | 0.68μF | 10% | 25V |
| C2046 | 1-114-410-21 | CERAMIC CHIP | 680pF | 2% | 50V | C2099 | 1-165-818-91 | CERAMIC CHIP | 0.68μF | 10% | 25V |
| C2047 | 1-114-410-21 | CERAMIC CHIP | 680pF | 2% | 50V | C2100 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C2048 | 1-114-410-21 | CERAMIC CHIP | 680pF | 2% | 50V | C2101 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C2049 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C2125 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2050 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C2126 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C2051 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C2127 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C2052 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C2128 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C2053 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C2129 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C2054 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3001 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2055 | 1-112-065-11 | CERAMIC CHIP | 4.7μF | 10% | 16V | C3002 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2056 | 1-112-065-11 | CERAMIC CHIP | 4.7μF | 10% | 16V | C3003 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2057 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C3004 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V |
| C2059 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C3006 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2060 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C3008 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2061 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C3009 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2062 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C3012 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C2063 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C3013 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C2064 | 1-114-214-81 | CERAMIC CHIP | 470pF | 5% | 50V | C3014 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2065 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3015 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2066 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3016 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2067 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3021 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2068 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3022 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2069 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C3023 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2070 | 1-114-193-11 | ELECT CHIP | 470μF | 20% | 25V | C3024 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2071 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C3025 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2072 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C3026 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2073 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3027 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2076 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C3030 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2077 | 1-100-764-21 | ELECT CHIP | 4.7μF | 20% | 25V | C3031 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V |
| C2078 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C3032 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2080 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3033 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2081 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3202 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2082 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3203 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|---------|--------|------|----------|--------------|--------------|---------|-----|------|
| C3205 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C4744 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C3207 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4746 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3209 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C4748 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3213 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C4749 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3214 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C4750 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3403 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C4751 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3502 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C4752 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3503 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4753 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3506 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4754 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C3509 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4756 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3512 | 1-162-912-11 | CERAMIC CHIP | 7pF | 0.50pF | 50V | C4758 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3514 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C4760 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3515 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4762 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C3531 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C4764 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C3541 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C4765 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4700 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4766 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4701 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V | C4767 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4702 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4769 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4703 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4776 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4704 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4777 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4705 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4780 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4706 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4784 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4707 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4785 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4708 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V | C4786 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4709 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4787 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4710 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4788 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C4711 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4900 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C4712 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4901 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4713 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4902 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4714 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4903 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4715 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4904 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C4716 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C4905 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4717 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4906 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C4719 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C4907 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4720 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4908 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4721 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4909 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4722 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4910 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4723 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C4911 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4724 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C4912 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C4725 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C4913 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4728 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C4914 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4734 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4915 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C4739 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C4916 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4740 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4917 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4741 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C4918 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|-------------------|-----|------|----------|--------------|--------------|----------|-----|------|
| C4919 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C5309 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4920 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C5313 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4921 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C5319 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4922 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C5321 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C4923 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C5325 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4925 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7028 | 1-112-065-11 | CERAMIC CHIP | 4.7μF | 10% | 16V |
| C4926 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7030 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4928 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7037 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C4929 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7038 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C4930 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7042 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C4931 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7043 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C4932 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7045 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C4933 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7046 | 1-164-862-11 | CERAMIC CHIP | 33pF | 5% | 50V |
| C4934 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7047 | 1-164-862-11 | CERAMIC CHIP | 33pF | 5% | 50V |
| C4935 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7048 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4936 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7049 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4937 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7050 | 1-164-878-11 | CERAMIC CHIP | 150pF | 5% | 50V |
| C4938 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7051 | 1-164-862-11 | CERAMIC CHIP | 33pF | 5% | 50V |
| C4939 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7052 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V |
| C4940 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7053 | 1-164-858-11 | CERAMIC CHIP | 22pF | 5% | 50V |
| C4941 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7054 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C4942 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7055 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C4943 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7056 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C4944 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7057 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V |
| C4945 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7058 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V |
| C4948 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7059 | 1-164-858-11 | CERAMIC CHIP | 22pF | 5% | 50V |
| C5002 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7060 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C5005 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C7061 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C5006 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C7062 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C5008 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C7063 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V |
| C5009 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7064 | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C5101 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7065 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C5102 | 1-114-353-11 | CAP, CERAMIC | 0.01MF X7R (1410) | | | C7066 | 1-100-904-11 | CERAMIC CHIP | 330pF | 10% | 50V |
| C5131 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7067 | 1-164-882-11 | CERAMIC CHIP | 220pF | 5% | 16V |
| C5132 | 1-114-353-11 | CAP, CERAMIC | 0.01MF X7R (1410) | | | C7068 | 1-164-882-11 | CERAMIC CHIP | 220pF | 5% | 16V |
| C5162 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7069 | 1-164-882-11 | CERAMIC CHIP | 220pF | 5% | 16V |
| C5192 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7070 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C5211 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7071 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C5264 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7072 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C5265 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7073 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C5266 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7074 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C5267 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7075 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C5302 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7076 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C5303 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V | C7077 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C5308 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7078 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |




| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|---------|-----|------|----------|--------------|--------------|---------|-----|------|
| C7079 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C7141 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7080 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C7142 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C7081 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C7143 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V |
| C7082 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C7144 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7083 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V | C7145 | 1-164-882-11 | CERAMIC CHIP | 220pF | 5% | 16V |
| C7084 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C7146 | 1-100-904-11 | CERAMIC CHIP | 330pF | 10% | 50V |
| C7085 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C7147 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C7086 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C7148 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7087 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C7149 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7092 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V | C7150 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C7093 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V | C7151 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C7094 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V | C7152 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7095 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V | C7153 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7096 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7154 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C7097 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7155 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C7098 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7158 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C7099 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7159 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C7100 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7160 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V |
| C7101 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7161 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7102 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7162 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V |
| C7103 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7163 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7104 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7164 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7105 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7165 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7106 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7166 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V |
| C7107 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7167 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V |
| C7108 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V | C7168 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7109 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V | C7174 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V |
| C7110 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V | C7175 | 1-100-911-11 | CERAMIC CHIP | 4.7μF | 10% | 25V |
| C7112 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7176 | 1-114-183-11 | ELECT CHIP | 1000μF | 20% | 6.3V |
| C7114 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V | C7177 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7115 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7179 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7116 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V | C7180 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V |
| C7117 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V | C7182 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7118 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7183 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7120 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7184 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V |
| C7121 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7200 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7130 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V | C7201 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7131 | 1-114-334-11 | CERAMIC CHIP | 10μF | 10% | 25V | C7202 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7132 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7203 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7135 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C7204 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7136 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7205 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7137 | 1-164-862-11 | CERAMIC CHIP | 33pF | 5% | 50V | C7206 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7138 | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V | C7207 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7139 | 1-164-858-11 | CERAMIC CHIP | 22pF | 5% | 50V | C7208 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7140 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7209 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |




| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|--------|-----|------|----------|--------------|--------------|---------|--------|------|
| C7210 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7255 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7211 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7256 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7212 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7257 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7213 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7258 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C7214 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7259 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7215 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7260 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7216 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7261 | 1-164-850-11 | CERAMIC CHIP | 10pF | 0.50pF | 50V |
| C7217 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7262 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7218 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7264 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7219 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7265 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7220 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7266 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7221 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7268 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7222 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7269 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7223 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7271 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C7224 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7273 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7225 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7275 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7226 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7279 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7227 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7283 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7228 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7284 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7229 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7285 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7230 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7289 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7231 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7290 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7232 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7291 | 1-164-854-11 | CERAMIC CHIP | 15pF | 5% | 50V |
| C7233 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7292 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7234 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7293 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7235 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7296 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7236 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7298 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7237 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7299 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7238 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7300 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C7239 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7301 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C7240 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7303 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7241 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7305 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7242 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7307 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C7243 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7309 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7244 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7310 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7245 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7311 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7246 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7312 | 1-100-767-21 | ELECT CHIP | 220μF | 20% | 16V |
| C7247 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7313 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7248 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7314 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C7249 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7316 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C7250 | 1-112-786-11 | ELECT CHIP | 330μF | 20% | 4V | C7317 | 1-112-786-11 | ELECT CHIP | 330μF | 20% | 4V |
| C7251 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7400 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7252 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7401 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7253 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7402 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7254 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7403 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |




| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|---------|-----|------|----------|--------------|--------------|----------|--------|------|
| C7404 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7609 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7405 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7611 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7406 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7615 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7407 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7619 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7408 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7626 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7409 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7627 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7410 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7628 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7411 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7630 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7412 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7631 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7413 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7632 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7414 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7633 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7415 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7635 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7416 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7636 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7417 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7638 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7418 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7647 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7419 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7648 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7420 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7649 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C7421 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7655 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7422 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7658 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C7423 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7661 | 1-100-766-21 | ELECT CHIP | 47μF | 20% | 16V |
| C7425 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7662 | 1-112-775-11 | CERAMIC CHIP | 0.0022μF | 10% | 50V |
| C7504 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7665 | 1-112-776-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V |
| C7505 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V | C7667 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7506 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7668 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7513 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C7671 | 1-100-766-21 | ELECT CHIP | 47μF | 20% | 16V |
| C7514 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7675 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7515 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7676 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7516 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7677 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7517 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7678 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7518 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7679 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7519 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7680 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V |
| C7520 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V | C7681 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V |
| C7521 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7688 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7525 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V | C7689 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7530 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7697 | 1-112-001-81 | CERAMIC CHIP | 270pF | 5% | 50V |
| C7535 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7698 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V |
| C7539 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7699 | 1-112-001-81 | CERAMIC CHIP | 270pF | 5% | 50V |
| C7560 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7700 | 1-100-766-21 | ELECT CHIP | 47μF | 20% | 16V |
| C7566 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C7703 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7600 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7704 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7601 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7705 | 1-114-183-11 | ELECT CHIP | 1000μF | 20% | 6.3V |
| C7602 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7707 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7603 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7709 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7605 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7710 | 1-100-769-21 | ELECT CHIP | 470μF | 20% | 16V |
| C7607 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7712 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |


NOTE: Les composants identifiés per un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

KDL-46V4100





NOTE: Les composants identifiés per un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

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NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|--|--------------|-------------------------|------------------|---|--------------|-------------|----------------|
| IC7501 | 6-711-288-01 | IC | MIC2005-0.5YM6TR | Q2007 | 6-551-690-01 | TRANSISTOR | RT3N11M-TP-1 |
| IC7600 | 8-759-338-95 | IC | NJM2903V(TE2) | Q3004 | 6-551-321-01 | TRANSISTOR | RT3WLMM-TP-1F |
| IC7860 | 6-712-502-01 | IC | 74ALVC574PW-118 | Q3007 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| JACK | | | | Q3201 | 6-551-939-01 | TRANSISTOR | RT3TAAM-TP-1 |
| J1051 | 1-821-115-11 | PHON JACK (RIGHT ANGLE) | | Q3251 | 6-551-824-01 | TRANSISTOR | UNR51A5G0LS0 |
| J1101 | 1-821-881-11 | PHONO JACK 10P | | Q3252 | 6-551-551-01 | TRANSISTOR | RT3N77M-TP-1 |
| J1201 | 1-821-844-11 | OPTICAL OUT CONNECTOR | | Q3415 | 6-551-690-01 | TRANSISTOR | RT3N11M-TP-1 |
| J1203 | 1-821-826-11 | JACK (SMALL TYPE) | | Q5101 | 6-551-690-01 | TRANSISTOR | RT3N11M-TP-1 |
| J5000 | 1-821-013-11 | D SUB CONNECTOR | | Q5163 | 6-551-690-01 | TRANSISTOR | RT3N11M-TP-1 |
| COIL | | | | Q5265 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| L2001 | 1-400-179-21 | FERRITE | 0μH | Q7012 | 6-709-438-01 | TRANSISTOR | FDS6986AS |
| L2002 | 1-469-555-21 | INDUCTOR | 10μH |  Q7013 | 6-709-438-01 | TRANSISTOR | FDS6986AS |
| L2004 | 1-457-429-11 | INDUCTOR | 22μH |  Q7014 | 6-709-438-01 | TRANSISTOR | FDS6986AS |
| L2005 | 1-457-429-11 | INDUCTOR | 22μH |  Q7015 | 6-709-438-01 | TRANSISTOR | FDS6986AS |
| L2006 | 1-457-429-11 | INDUCTOR | 22μH | Q7101 | 6-551-776-01 | TRANSISTOR | 2SC5950G0LS0 |
| L2007 | 1-457-429-11 | INDUCTOR | 22μH | Q7130 | 6-551-776-01 | TRANSISTOR | 2SC5950G0LS0 |
| L7002 | 1-400-325-11 | INDUCTOR | 5.6μH | Q7131 | 6-551-776-01 | TRANSISTOR | 2SC5950G0LS0 |
| L7003 | 1-424-922-21 | INDUCTOR | 10μH | Q7132 | 6-709-438-01 | TRANSISTOR | FDS6986AS |
| L7004 | 1-400-281-11 | INDUCTOR | 10μH | Q7133 | 6-551-580-01 | TRANSISTOR | FDQ7238AS |
| L7005 | 1-400-325-11 | INDUCTOR | 5.6μH | Q7600 | 6-551-776-01 | TRANSISTOR | 2SC5950G0LS0 |
| L7006 | 1-416-740-11 | INDUCTOR | 10μH | Q7601 | 6-551-775-01 | TRANSISTOR | 2SA2122G0LS0 |
| L7130 | 1-400-281-11 | INDUCTOR | 10μH | Q7602 | 6-551-776-01 | TRANSISTOR | 2SC5950G0LS0 |
| L7131 | 1-400-193-11 | INDUCTOR | 3.3μH | Q7604 | 6-551-775-01 | TRANSISTOR | 2SA2122G0LS0 |
| L7132 | 1-481-081-11 | INDUCTOR | 47μH | Q7605 | 6-551-775-01 | TRANSISTOR | 2SA2122G0LS0 |
| L7500 | 1-456-984-11 | INDUCTOR | 0μH | RESISTOR | | | |
| L7610 | 1-469-555-21 | INDUCTOR | 10μH | R1004 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W |
| L7611 | 1-412-972-31 | INDUCTOR | 0.27μH | R1005 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| L7612 | 1-412-972-31 | INDUCTOR | 0.27μH | R1006 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
| L7613 | 1-469-555-21 | INDUCTOR | 10μH | R1007 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| L7614 | 1-469-555-21 | INDUCTOR | 10μH | R1008 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
|  L7617 | 1-469-555-21 | INDUCTOR | 10μH | R1009 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| L7620 | 1-469-555-21 | INDUCTOR | 10μH | R1010 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
| L7622 | 1-469-555-21 | INDUCTOR | 10μH | R1011 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| IC LINK | | | | R1012 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
| PS5000 | 1-576-646-11 | FUSE | 0.5A 50V | R1021 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W |
| TRANSISTOR | | | | R1023 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W |
| Q1401 | 6-551-551-01 | TRANSISTOR | RT3N77M-TP-1 | R1025 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W |
| Q1423 | 6-550-369-01 | TRANSISTOR | TPC8109(TE12L) | R1051 | 1-218-965-11 | RES-CHIP | 10K 5% 1/16W |
| Q1424 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | R1052 | 1-218-941-81 | RES-CHIP | 100 5% 1/16W |
| Q2000 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | R1053 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| Q2004 | 6-551-943-01 | TRANSISTOR | RT3XBBM-T111-1 | R1054 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
| | | | | R1055 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |
| | | | | R1056 | 1-218-957-11 | RES-CHIP | 2.2K 5% 1/16W |
| | | | | R1057 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W |
| | | | | R1101 | 1-218-989-11 | RES-CHIP | 1M 5% 1/16W |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R1102 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R1420 | 1-218-983-11 | RES-CHIP | 330K | 5% | 1/16W |
| R1103 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R1421 | 1-218-971-11 | RES-CHIP | 33K | 5% | 1/16W |
| R1104 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2006 | 1-218-990-81 | SHORT CHIP | | | |
| R1105 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R2008 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R1106 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2009 | 1-218-990-81 | SHORT CHIP | | | |
| R1107 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R2022 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R1108 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2023 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R1111 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2024 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W |
| R1113 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2025 | 1-218-990-81 | SHORT CHIP | | | |
| R1115 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2032 | 1-220-199-81 | RES-CHIP | 24K | 5% | 1/16W |
| R1117 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2035 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R1119 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2044 | 1-218-977-11 | RES-CHIP | 100K | 5% | 1/16W |
| R1121 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R2065 | 1-218-990-81 | SHORT CHIP | | | |
| R1201 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2066 | 1-218-990-81 | SHORT CHIP | | | |
| R1202 | 1-218-981-91 | RES-CHIP | 220K | 5% | 1/16W | R2093 | 1-218-941-11 | RES-CHIP | 100 | 5% | 1/16W |
| R1203 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2102 | 1-218-990-81 | SHORT CHIP | | | |
| R1204 | 1-218-981-91 | RES-CHIP | 220K | 5% | 1/16W | R2103 | 1-218-990-81 | SHORT CHIP | | | |
| R1205 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R2109 | 1-218-990-81 | SHORT CHIP | | | |
| R1206 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2110 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1207 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R2113 | 1-218-990-81 | SHORT CHIP | | | |
| R1208 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R2115 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R1211 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R3002 | 1-218-959-11 | RES-CHIP | 3.3K | 5% | 1/16W |
| R1212 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R3005 | 1-218-990-81 | SHORT CHIP | | | |
| R1214 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R3010 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R1215 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R3011 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W |
| R1301 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3012 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R1302 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3013 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R1303 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3014 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1304 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3016 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R1305 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3018 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1306 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3020 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R1307 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3021 | 1-208-886-81 | METAL CHIP | 910 | 0.50% | 1/16W |
| R1308 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3022 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1313 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R3023 | 1-218-990-81 | SHORT CHIP | | | |
| R1314 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R3025 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W |
| R1315 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R3027 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R1316 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R3035 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1317 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3036 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R1410 | 1-218-990-81 | SHORT CHIP | | | | R3038 | 1-218-990-81 | SHORT CHIP | | | |
| R1411 | 1-218-990-81 | SHORT CHIP | | | | R3205 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R1412 | 1-216-864-11 | SHORT CHIP | | | | R3210 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R1413 | 1-216-295-91 | SHORT CHIP | | | | R3252 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W |
| R1415 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R3260 | 1-216-864-11 | SHORT CHIP | | | |
| R1416 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R3401 | 1-208-931-11 | METAL CHIP | 68K | 0.50% | 1/16W |
| R1418 | 1-208-947-11 | METAL CHIP | 330K | 0.50% | 1/16W | R3402 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R3403 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R5000 | 1-216-864-11 | SHORT CHIP | | | |
| R3411 | 1-218-977-11 | RES-CHIP | 100K | 5% | 1/16W | R5001 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W |
| R3420 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R5003 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W |
| R3505 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R5005 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W |
| R3506 | 1-218-990-81 | SHORT CHIP | | | | R5016 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R4701 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5019 | 1-218-977-11 | RES-CHIP | 100K | 5% | 1/16W |
| R4702 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5029 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R4703 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5030 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R4704 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5101 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W |
| R4705 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5102 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R4706 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5104 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R4707 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | R5107 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R4709 | 1-216-864-11 | SHORT CHIP | | | | R5108 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R4710 | 1-218-990-81 | SHORT CHIP | | | | R5131 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W |
| R4713 | 1-216-864-11 | SHORT CHIP | | | | R5132 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R4714 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5133 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R4716 | 1-216-864-11 | SHORT CHIP | | | | R5137 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R4717 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R5172 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R4718 | 1-216-864-11 | SHORT CHIP | | | | R5176 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R4720 | 1-218-990-81 | SHORT CHIP | | | | R5177 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R4726 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W | R5178 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W |
| R4727 | 1-400-177-21 | FERRITE | 0μH | | | R5202 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R4729 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5206 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R4730 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5207 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R4731 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R5208 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W |
| R4732 | 1-216-864-11 | SHORT CHIP | | | | R5300 | 1-218-970-11 | RES-CHIP | 27K | 5% | 1/16W |
| R4733 | 1-400-177-21 | FERRITE | 0μH | | | R5302 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R4738 | 1-216-864-11 | SHORT CHIP | | | | R5306 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R4747 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W | R5307 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R4748 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W | R5308 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R4749 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W | R5309 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R4750 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W | R5315 | 1-218-990-81 | SHORT CHIP | | | |
| R4818 | 1-218-990-81 | SHORT CHIP | | | | R5316 | 1-218-990-81 | SHORT CHIP | | | |
| R4900 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R5317 | 1-218-990-81 | SHORT CHIP | | | |
| R4901 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R5318 | 1-218-990-81 | SHORT CHIP | | | |
| R4902 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W | R5320 | 1-218-990-81 | SHORT CHIP | | | |
| R4903 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W | R5321 | 1-218-990-81 | SHORT CHIP | | | |
| R4904 | 1-218-929-11 | RES-CHIP | 10 | 5% | 1/16W | R5322 | 1-218-990-81 | SHORT CHIP | | | |
| R4905 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W | R5323 | 1-218-990-81 | SHORT CHIP | | | |
| R4906 | 1-218-947-11 | RES-CHIP | 330 | 5% | 1/16W | R7052 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W |
| R4907 | 1-218-947-11 | RES-CHIP | 330 | 5% | 1/16W | R7053 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R4908 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7060 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R4909 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7061 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W |
| R4910 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7062 | 1-208-936-11 | METAL CHIP | 110K | 0.50% | 1/16W |
| R4911 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7063 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R7064 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7130 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W |
| R7065 | 1-208-955-11 | METAL CHIP | 680K | 0.50% | 1/16W | R7131 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W |
| R7069 | 1-218-977-11 | RES-CHIP | 100K | 5% | 1/16W | R7132 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R7070 | 1-208-721-11 | METAL CHIP | 39K | 0.50% | 1/16W | R7133 | 1-218-990-81 | SHORT CHIP | | | |
| R7071 | 1-208-695-11 | METAL CHIP | 3.3K | 0.50% | 1/16W | R7134 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R7072 | 1-208-687-11 | METAL CHIP | 1.5K | 0.50% | 1/16W | R7136 | 1-218-969-11 | RES-CHIP | 22K | 5% | 1/16W |
| R7073 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W | R7138 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R7074 | 1-208-923-11 | METAL CHIP | 33K | 0.50% | 1/16W | R7140 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W |
| R7075 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R7141 | 1-208-939-11 | METAL CHIP | 150K | 0.50% | 1/16W |
| R7076 | 1-208-927-11 | METAL CHIP | 47K | 0.50% | 1/16W | R7142 | 1-208-923-11 | METAL CHIP | 33K | 0.50% | 1/16W |
| R7077 | 1-208-927-11 | METAL CHIP | 47K | 0.50% | 1/16W | R7143 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W |
| R7078 | 1-208-923-11 | METAL CHIP | 33K | 0.50% | 1/16W | R7144 | 1-218-978-11 | RES-CHIP | 120K | 5% | 1/16W |
| R7079 | 1-208-947-11 | METAL CHIP | 330K | 0.50% | 1/16W | R7145 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W |
| R7080 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R7146 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W |
| R7081 | 1-208-923-11 | METAL CHIP | 33K | 0.50% | 1/16W | R7147 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R7082 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7148 | 1-208-687-11 | METAL CHIP | 1.5K | 0.50% | 1/16W |
| R7083 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7149 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W |
| R7084 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R7150 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W |
| R7085 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7151 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W |
| R7086 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7152 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R7087 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R7153 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W |
| R7088 | 1-208-687-11 | METAL CHIP | 1.5K | 0.50% | 1/16W | R7154 | 1-218-990-81 | SHORT CHIP | | | |
| R7089 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W | R7155 | 1-208-709-11 | METAL CHIP | 12K | 0.50% | 1/16W |
| R7090 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W | R7156 | 1-208-709-11 | METAL CHIP | 12K | 0.50% | 1/16W |
| R7091 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W | R7157 | 1-218-990-81 | SHORT CHIP | | | |
| R7092 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W | R7158 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W |
| R7093 | 1-208-935-11 | METAL CHIP | 100K | 0.50% | 1/16W | R7159 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W |
| R7094 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R7167 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R7095 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R7171 | 1-208-695-11 | METAL CHIP | 3.3K | 0.50% | 1/16W |
| R7096 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R7172 | 1-208-923-11 | METAL CHIP | 33K | 0.50% | 1/16W |
| R7097 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | R7173 | 1-216-864-11 | SHORT CHIP | | | |
| R7098 | 1-218-990-81 | SHORT CHIP | | | | R7174 | 1-218-990-81 | SHORT CHIP | | | |
| R7099 | 1-218-990-81 | SHORT CHIP | | | | R7175 | 1-218-990-81 | SHORT CHIP | | | |
| R7100 | 1-208-709-11 | METAL CHIP | 12K | 0.50% | 1/16W | R7176 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R7101 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7200 | 1-208-687-11 | METAL CHIP | 1.5K | 0.50% | 1/16W |
| R7102 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7204 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R7103 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7205 | 1-218-961-11 | RES-CHIP | 4.7K | 5% | 1/16W |
| R7104 | 1-218-990-81 | SHORT CHIP | | | | R7206 | 1-218-990-81 | SHORT CHIP | | | |
| R7105 | 1-218-990-81 | SHORT CHIP | | | | R7207 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7106 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W | R7208 | 1-218-990-81 | SHORT CHIP | | | |
| R7107 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W | R7212 | 1-218-990-81 | SHORT CHIP | | | |
| R7108 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W | R7261 | 1-208-687-11 | METAL CHIP | 1.5K | 0.50% | 1/16W |
| R7109 | 1-216-791-11 | METAL CHIP | 3.3 | 5% | 1/10W | R7400 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R7114 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W | R7401 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |
| R7118 | 1-216-864-11 | SHORT CHIP | | | | R7402 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|--------------------------------|--------|-------|-------|
| R7403 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R7638 | 1-218-969-11 | RES-CHIP | 22K | 5% | 1/16W |
| R7404 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | R7651 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R7405 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R7653 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R7406 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W | R7654 | 1-218-969-11 | RES-CHIP | 22K | 5% | 1/16W |
| R7407 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7655 | 1-218-969-11 | RES-CHIP | 22K | 5% | 1/16W |
| | | | | | | | | | | | |
| R7411 | 1-218-938-11 | RES-CHIP | 56 | 5% | 1/16W | R7662 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W |
| R7412 | 1-218-938-11 | RES-CHIP | 56 | 5% | 1/16W | R7663 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W |
| R7413 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7666 | 1-218-978-11 | RES-CHIP | 120K | 5% | 1/16W |
| R7443 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7669 | 1-218-990-81 | SHORT CHIP | | | |
| R7505 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7670 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| | | | | | | | | | | | |
| R7515 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W | R7673 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R7521 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7677 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| R7523 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | R7681 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| R7527 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7682 | 1-218-945-11 | RES-CHIP | 220 | 5% | 1/16W |
| R7529 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7683 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W |
| | | | | | | | | | | | |
| R7533 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W | R7807 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W |
| R7535 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7851 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7536 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7852 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7539 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7853 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7541 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7854 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| | | | | | | | | | | | |
| R7543 | 1-218-977-11 | RES-CHIP | 100K | 5% | 1/16W | R7855 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7544 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | R7856 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7547 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7857 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7550 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7858 | 1-218-973-11 | RES-CHIP | 47K | 5% | 1/16W |
| R7552 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7859 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W |
| | | | | | | | | | | | |
| R7555 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7860 | 1-218-933-11 | RES-CHIP | 22 | 5% | 1/16W |
| R7567 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | | | | | | |
| R7600 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W | | | | | | |
| R7604 | 1-218-953-11 | RES-CHIP | 1K | 5% | 1/16W | | | | | | |
| R7606 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | | | | | | |
| | | | | | | | | | | | |
| R7607 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | RB1302 | 1-239-674-81 | RESISTOR, NETWORK 100 | | | |
| R7609 | 1-218-959-11 | RES-CHIP | 3.3K | 5% | 1/16W | RB1303 | 1-239-674-81 | RESISTOR, NETWORK 100 | | | |
| R7610 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | RB1304 | 1-239-674-81 | RESISTOR, NETWORK 100 | | | |
| R7613 | 1-208-697-11 | METAL CHIP | 3.9K | 0.50% | 1/16W | RB1305 | 1-239-698-11 | RESISTOR, NETWORK 10K | | | |
| R7615 | 1-218-958-11 | RES-CHIP | 2.7K | 5% | 1/16W | RB1306 | 1-239-698-11 | RESISTOR, NETWORK 10K | | | |
| | | | | | | | | | | | |
| R7616 | 1-218-969-11 | RES-CHIP | 22K | 5% | 1/16W | RB1307 | 1-239-698-11 | RESISTOR, NETWORK 10K | | | |
| R7617 | 1-208-928-11 | METAL CHIP | 51K | 0.50% | 1/16W | RB1401 | 1-234-378-21 | RES, NETWORK 10K (1005X4) | | | |
| R7618 | 1-218-957-11 | RES-CHIP | 2.2K | 5% | 1/16W | RB2001 | 1-234-378-21 | RES, NETWORK 10K (1005X4) | | | |
| R7623 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | RB2002 | 1-239-702-81 | RESISTOR, NETWORK 22K | | | |
| R7624 | 1-218-989-11 | RES-CHIP | 1M | 5% | 1/16W | RB2003 | 1-239-674-81 | RESISTOR, NETWORK 100 | | | |
| | | | | | | | | | | | |
| R7627 | 1-218-959-11 | RES-CHIP | 3.3K | 5% | 1/16W | RB2004 | 1-234-372-11 | RES, NETWORK 100 (1005X4) | | | |
| R7628 | 1-218-965-11 | RES-CHIP | 10K | 5% | 1/16W | RB2005 | 1-234-882-21 | RES, CHIP NETWORK 47KX8 (3816) | | | |
| R7630 | 1-218-959-11 | RES-CHIP | 3.3K | 5% | 1/16W | RB2006 | 1-234-882-21 | RES, CHIP NETWORK 47KX8 (3816) | | | |
| R7631 | 1-218-941-81 | RES-CHIP | 100 | 5% | 1/16W | RB2008 | 1-239-686-11 | RESISTOR, NETWORK 1K | | | |
| R7637 | 1-208-928-11 | METAL CHIP | 51K | 0.50% | 1/16W | RB2009 | 1-239-686-11 | RESISTOR, NETWORK 1K | | | |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|----------|--------------|-------------------------|----------|----------|--------------|------------------------|----------|
| RB2014 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB4903 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB2015 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB4904 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB2018 | 1-234-378-21 | RES, NETWORK 10K | (1005X4) | RB5001 | 1-239-686-11 | RESISTOR, NETWORK 1K | |
| RB2019 | 1-239-686-11 | RESISTOR, NETWORK 1K | | RB5002 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB2022 | 1-239-710-11 | RESISTOR, NETWORK 100K | | RB5101 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| * RB2024 | 1-234-380-21 | RES, NETWORK 47K | (1005X4) | * RB5102 | 1-234-380-21 | RES, NETWORK 47K | (1005X4) |
| RB2025 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB5110 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB2026 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB5112 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB2029 | 1-234-378-21 | RES, NETWORK 10K | (1005X4) | RB5141 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB2034 | 1-239-706-81 | RESISTOR, NETWORK 47K | | RB5143 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB2042 | 1-239-674-81 | RESISTOR, NETWORK 100 | | RB5161 | 1-239-706-81 | RESISTOR, NETWORK 47K | |
| RB3003 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) | RB5162 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB3004 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) | RB5164 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB3006 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB5166 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3008 | 1-239-674-81 | RESISTOR, NETWORK 100 | | RB5191 | 1-239-706-81 | RESISTOR, NETWORK 47K | |
| RB3009 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB5192 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB3010 | 1-239-674-81 | RESISTOR, NETWORK 100 | | RB5194 | 1-234-369-21 | RES, NETWORK 10 | (1005X4) |
| RB3015 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB5196 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3016 | 1-239-674-81 | RESISTOR, NETWORK 100 | | RB5212 | 1-239-706-81 | RESISTOR, NETWORK 47K | |
| RB3017 | 1-239-686-11 | RESISTOR, NETWORK 1K | | RB5214 | 1-239-686-11 | RESISTOR, NETWORK 1K | |
| RB3021 | 1-239-682-11 | RESISTOR, NETWORK 470 | | RB7200 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB3022 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB7201 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3024 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB7202 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3025 | 1-234-799-21 | RES, CHIP NETWORK 10KX8 | (3816) | RB7204 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3030 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB7206 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3031 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB7208 | 1-239-698-11 | RESISTOR, NETWORK 10K | |
| RB3032 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) | RB7210 | 1-239-698-11 | RESISTOR, NETWORK 10K | |
| RB3301 | 1-234-378-21 | RES, NETWORK 10K | (1005X4) | RB7400 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB3410 | 1-239-698-11 | RESISTOR, NETWORK 10K | | RB7407 | 1-234-378-21 | RES, NETWORK 10K | (1005X4) |
| RB4700 | 1-239-686-11 | RESISTOR, NETWORK 1K | | RB7511 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB4704 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) | RB7512 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB4706 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) | RB7600 | 1-239-674-81 | RESISTOR, NETWORK 100 | |
| RB4707 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB7601 | 1-239-690-81 | RESISTOR, NETWORK 2.2K | |
| RB4708 | 1-234-878-21 | RES, CHIP NETWORK 1KX8 | (3816) | RB7850 | 1-234-711-21 | RES, CHIP NETWORK 22X8 | (3816) |
| RB4709 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB7852 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB4711 | 1-239-674-81 | RESISTOR, NETWORK 100 | | RB7853 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB4716 | 1-234-375-21 | RES, NETWORK 1K | (1005X4) | RB7854 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB4717 | 1-234-878-21 | RES, CHIP NETWORK 1KX8 | (3816) | RB7855 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB4725 | 1-234-799-21 | RES, CHIP NETWORK 10KX8 | (3816) | RB7856 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) |
| RB4726 | 1-239-686-11 | RESISTOR, NETWORK 1K | | RB7857 | 1-234-378-21 | RES, NETWORK 10K | (1005X4) |
| RB4727 | 1-239-694-81 | RESISTOR, NETWORK 4.7K | | RB7858 | 1-234-711-21 | RES, CHIP NETWORK 22X8 | (3816) |
| RB4729 | 1-234-377-21 | RES, NETWORK 4.7K | (1005X4) | RB7859 | 1-234-711-21 | RES, CHIP NETWORK 22X8 | (3816) |
| RB4900 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) | RB7860 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB4901 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) | RB7861 | 1-234-372-11 | RES, NETWORK 100 | (1005X4) |
| RB4902 | 1-234-370-21 | RES, NETWORK 22 | (1005X4) | | | | |

BU


H3E


| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|-----------------|--------------|----------------------------|--------|---|--------------|--------------------------|--------------------|
| VARISTOR | | | | CRYSTAL | | | |
| VD1001 | 1-802-078-11 | VARISTOR (SMD) | | X2000 | 1-813-462-11 | VIBRATOR, CRYSTAL | 24.576MHZ |
| VD1002 | 1-802-078-11 | VARISTOR (SMD) | | X3001 | 1-813-070-21 | PIEZOELECTRIC OSCILLATOR | |
| VD1003 | 1-802-078-11 | VARISTOR (SMD) | | X3501 | 1-579-886-21 | VIBRATOR, CRYSTAL | |
| VD1004 | 1-802-078-11 | VARISTOR (SMD) | | X4700 | 1-813-082-11 | VIBRATOR, CRYSTAL | (24.000MHZ) |
| VD1005 | 1-802-078-11 | VARISTOR (SMD) | | X7200 | 1-814-133-21 | VIBRATOR, CRYSTAL | |
| VD1006 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | <div>H3E</div> <div>A-1550-477-A H3E BOARD, MOUNTED</div> | | | |
| VD1007 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | | | | |
| VD1051 | 1-802-078-11 | VARISTOR (SMD) | | | | | |
| VD1052 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | | | | |
| VD1101 | 1-802-078-11 | VARISTOR (SMD) | | | | | |
| VD1102 | 1-802-078-11 | VARISTOR (SMD) | | CAPACITOR | | | |
| VD1103 | 1-802-078-11 | VARISTOR (SMD) | | C302 | 1-100-916-11 | CERAMIC CHIP | 0.1μF 10% 16V |
| VD1104 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | C303 | 1-114-399-21 | ELECT CHIP | 47μF 20% 6.3V |
| VD1121 | 1-802-078-11 | VARISTOR (SMD) | | C304 | 1-114-130-11 | CERAMIC CHIP | 1μF 10% 6.3V |
| VD1122 | 1-802-078-11 | VARISTOR (SMD) | | DIODE | | | |
| VD1123 | 1-802-078-11 | VARISTOR (SMD) | | D302 | 8-719-036-94 | DIODE | RD5.6SB-T1 |
| VD1124 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | D308 | 6-502-297-01 | DIODE | FR1105W-730-TR |
| VD1201 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | D323 | 6-502-296-01 | DIODE | VYPY1105W-5C43A-TR |
| VD1203 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | D324 | 6-502-297-01 | DIODE | FR1105W-730-TR |
| VD1205 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | D325 | 6-502-296-01 | DIODE | VYPY1105W-5C43A-TR |
| VD3201 | 1-802-493-21 | VARISTOR, NETWORK (1005X2) | | IC | | | |
| VD5001 | 1-802-078-11 | VARISTOR (SMD) | | IC301 | 6-600-680-01 | PHOTO | DIODE BH1690FVC-TR |
| VD5002 | 1-802-078-11 | VARISTOR (SMD) | | TRANSISTOR | | | |
| VD5003 | 1-802-078-11 | VARISTOR (SMD) | | Q301 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| VD5004 | 1-802-078-11 | VARISTOR (SMD) | | Q302 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| VD5005 | 1-802-078-11 | VARISTOR (SMD) | | Q303 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| VD5006 | 1-802-078-11 | VARISTOR (SMD) | | Q305 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 |
| VD5007 | 1-802-078-11 | VARISTOR (SMD) | | Q306 | 6-551-699-01 | TRANSISTOR | ISA1602AM1TP-1EF |
| VD5008 | 1-802-078-11 | VARISTOR (SMD) | | RESISTOR | | | |
| VD5009 | 1-802-078-11 | VARISTOR (SMD) | | R301 | 1-208-871-81 | METAL CHIP | 220 0.50% 1/16W |
| VD5101 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R302 | 1-208-885-11 | METAL CHIP | 820 0.50% 1/16W |
| VD5103 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R303 | 1-208-663-11 | METAL CHIP | 150 0.50% 1/16W |
| VD5104 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R305 | 1-208-683-11 | METAL CHIP | 1K 0.50% 1/16W |
| VD5131 | 1-802-078-11 | VARISTOR (SMD) | | R306 | 1-218-990-81 | SHORT CHIP | |
| VD5133 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R307 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W |
| VD5134 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R309 | 1-218-990-81 | SHORT CHIP | |
| VD5161 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R310 | 1-218-981-91 | RES-CHIP | 220K 5% 1/16W |
| VD5162 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R311 | 1-218-965-11 | RES-CHIP | 10K 5% 1/16W |
| VD5191 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R312 | 1-218-971-11 | RES-CHIP | 33K 5% 1/16W |
| VD5192 | 1-802-481-11 | ESD SUPPRESSOR (4 ARRAY) | | R314 | 1-218-953-11 | RES-CHIP | 1K 5% 1/16W |
| VD7506 | 1-802-078-11 | VARISTOR (SMD) | | | | | |
| VD7507 | 1-802-078-11 | VARISTOR (SMD) | | | | | |
| VD7508 | 1-802-078-11 | VARISTOR (SMD) | | | | | |

H4



IP5Z

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|--------------------------------------|------------------|--------------|----------|-----|-------|----------|--------------|--------------|----------|--------|------|
| <div>H4</div> | | | | | | C6150 | 1-114-328-11 | CERAMIC CHIP | 0.047μF | 10% | 50V |
| A-1494-139-A H4 BOARD, MOUNTED | | | | | | C6152 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V |
| | | | | | | C6153 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V |
| | | | | | | C6155 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| | | | | | | C6159 | 1-112-835-11 | ELECT | 3300μF | 20% | 25V |
| | | | | | | C6161 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V |
| CAPACITOR | | | | | | C6200 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C401 | 1-112-068-11 | CERAMIC CHIP | 220pF | 10% | 50V | C6201 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C402 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C6202 | 1-107-902-11 | ELECT | 1μF | 20% | 50V |
| IC | | | | | | C6203 | 1-100-139-31 | FILM | 0.001μF | 5% | 630V |
| IC401 | 6-600-681-01 | IC | RS-770N | | | C6204 | 1-107-903-11 | ELECT | 2.2μF | 20% | 50V |
| RESISTOR | | | | | | C6205 | 1-107-910-11 | ELECT | 100μF | 20% | 50V |
| R401 | 1-218-949-11 | RES-CHIP | 470 | 5% | 1/16W | C6206 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| R402 | 1-218-937-11 | RES-CHIP | 47 | 5% | 1/16W | C6250 | 1-128-949-31 | ELECT | 470μF | 20% | 16V |
| IP5Z | | | | | | C6251 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| | | | | | | C6300 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| | | | | | | C6301 | 1-110-501-11 | CERAMIC CHIP | 0.33μF | 10% | 16V |
| | | | | | | C6302 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| | | | | | | C6303 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| A-1511-390-C IP5Z-46 BOARD, COMPLETE | | | | | | C6304 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| 2-580-592-01 | SCREW, +PSW M3X8 | | | | | C6310 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| CAPACITOR | | | | | | C6311 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C6002 | 1-165-529-11 | MYLAR | 0.22μF | 10 | 275V | C6312 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6006 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V | C6400 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6007 | 1-112-874-51 | CERAMIC | 220pF | 10% | 250V | C6402 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6010 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V | C6407 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C6011 | 1-112-874-51 | CERAMIC | 220pF | 10% | 250V | C6408 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6014 | 1-161-964-91 | CERAMIC | 0.0047μF | | 250V | C6410 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6015 | 1-161-964-91 | CERAMIC | 0.0047μF | | 250V | C6504 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6018 | 1-165-529-11 | MYLAR | 0.22μF | 10 | 275V | C6507 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6020 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6508 | 1-114-322-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V |
| C6024 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V | C6509 | 1-114-322-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V |
| C6100 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6510 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6101 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6511 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6102 | 1-107-906-11 | ELECT | 10μF | 20% | 50V | C6513 | 1-115-340-11 | CERAMIC CHIP | 0.22μF | 10% | 25V |
| C6103 | 1-107-905-11 | ELECT | 4.7μF | 20% | 50V | C6518 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6104 | 1-107-910-11 | ELECT | 100μF | 20% | 50V | C6519 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6106 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6522 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C6107 | 1-107-888-11 | ELECT | 47μF | 20% | 25V | C6523 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6108 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C6525 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6110 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6531 | 1-162-915-11 | CERAMIC CHIP | 10pF | 0.50pF | 50V |
| C6111 | 1-100-732-11 | FILM | 18000pF | 3% | 1KV | C6532 | 1-162-915-11 | CERAMIC CHIP | 10pF | 0.50pF | 50V |
| | | | | | | C6550 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| | | | | | | C6551 | 1-112-873-11 | CERAMIC | 100pF | 10% | 250V |
| | | | | | | C6552 | 1-114-745-11 | FILM | 1μF | 5% | 450V |


NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

IP5Z


| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|----------|-----|-------|---|--------------|--------------------------------|--------------|-----|------|
| C6559 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6747 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6560 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6748 | 1-165-908-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C6561 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6749 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6562 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6751 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6568 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6752 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6569 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6755 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C6570 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6756 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6571 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6757 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6574 | 1-114-293-11 | ELECT(BLOCK) | 220μF | 20% | 450V | C6759 | 1-107-882-91 | ELECT | 100μF | 20% | 16V |
| C6600 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V | C6761 | 1-125-889-11 | CERAMIC CHIP | 2.2μF | 10% | 10V |
| C6601 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C6762 | 1-125-889-11 | CERAMIC CHIP | 2.2μF | 10% | 10V |
| C6602 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C6788 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C6604 | 1-115-339-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C6789 | 1-107-909-11 | ELECT | 47μF | 20% | 50V |
| C6606 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V | C6794 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6612 | 1-112-874-51 | CERAMIC | 220pF | 10% | 250V | C6797 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6658 | 1-115-339-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | CONNECTOR | | | | | |
| C6702 | 1-107-823-11 | CERAMIC CHIP | 0.47μF | 10% | 16V | * CN6000 | 1-793-660-11 | PIN, CONNECTOR (PC BOARD) | | | |
| C6703 | 1-107-823-11 | CERAMIC CHIP | 0.47μF | 10% | 16V | * CN6150 | 1-793-235-11 | PIN, CONNECTOR (PC BOARD) | | | 13P |
| C6709 | 1-104-513-21 | CERAMIC | 47pF | 5% | 6.3KV | * CN6151 | 1-779-944-21 | PIN, CONNECTOR (PC BOARD) | | | 4P |
| C6710 | 1-114-573-91 | CERAMIC CHIP | 0.0047μF | 5% | 50V | * CN6154 | 1-785-702-11 | PIN, CONNECTOR (PC BOARD) | | | 5P |
| C6711 | 1-104-513-21 | CERAMIC | 47pF | 5% | 6.3KV | CN6700 | 1-821-935-11 | HEADER ASSEMBLY FOR PWB, MDF61 | | | |
| C6712 | 1-114-573-91 | CERAMIC CHIP | 0.0047μF | 5% | 50V | CN6706 | 1-785-705-11 | PIN, CONNECTOR (PC BOARD) | | | 9P |
| C6713 | 1-114-573-91 | CERAMIC CHIP | 0.0047μF | 5% | 50V | DIODE | | | | | |
| C6714 | 1-114-573-91 | CERAMIC CHIP | 0.0047μF | 5% | 50V | D6000 | 8-719-054-89 | DIODE | D15XB60 | | |
| C6718 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | D6001 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6719 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | D6003 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C6723 | 1-162-970-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |  D6100 | 8-719-081-67 | DIODE | M1FM3 | | |
| C6724 | 1-125-889-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | D6101 | 8-719-081-67 | DIODE | M1FM3 | | |
| C6725 | 1-162-968-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | D6102 | 6-501-774-01 | DIODE | MAZ8150G0LS0 | | |
| C6726 | 1-125-889-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | D6103 | 8-719-979-64 | DIODE | μF4005/23 | | |
| C6727 | 1-162-970-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | D6104 | 8-719-081-67 | DIODE | M1FM3 | | |
| C6728 | 1-164-227-11 | CERAMIC CHIP | 0.022μF | 10% | 25V | D6150 | 6-501-545-01 | DIODE | SG10SC6-F5 | | |
| C6729 | 1-107-882-91 | ELECT | 100μF | 20% | 16V | D6151 | 6-501-545-01 | DIODE | SG10SC6-F5 | | |
| C6730 | 1-162-970-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |  D6152 | 6-501-545-01 | DIODE | SG10SC6-F5 | | |
| C6731 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | D6201 | 6-502-380-01 | DIODE | AB01BV1 | | |
| C6732 | 1-100-591-91 | CERAMIC CHIP | 1μF | 10% | 25V | D6202 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6733 | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | D6203 | 6-500-567-31 | DIODE | 10ERB20-TB3 | | |
| C6735 | 1-165-908-11 | CERAMIC CHIP | 1μF | 10% | 10V | D6204 | 6-500-567-31 | DIODE | 10ERB20-TB3 | | |
| C6738 | 1-137-710-91 | CERAMIC CHIP | 10μF | 20% | 6.3V | D6250 | 6-501-526-01 | DIODE | D1NS6-TR2 | | |
| C6739 | 1-162-970-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | D6300 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6740 | 1-107-882-91 | ELECT | 100μF | 20% | 16V | D6301 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6742 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V | D6302 | 6-501-728-01 | DIODE | MAZ8051G0LS0 | | |
| C6744 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V | D6305 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C6745 | 1-107-882-91 | ELECT | 100μF | 20% | 16V | | | | | | |
| C6746 | 1-100-566-91 | CERAMIC CHIP | 0.1μF | 10% | 25V | | | | | | |


NOTE: The components identified by shading and mark are critical for safety. Replace only with part number specified.

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IP5Z


| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|----------|--------------|-------------|-----------------|----------|--------------|-------------|--------|
| D6400 | 6-501-774-01 | DIODE | MAZ8150GOLS0 | FB6717 | 1-414-793-21 | FERRITE | 0μH |
| D6401 | 6-502-318-01 | DIODE | MA4J1130GLS0 | FB6718 | 1-412-911-11 | FERRITE | 0μH |
| D6403 | 6-500-137-01 | DIODE | BAT54HT1 | | | | |
| D6503 | 6-501-817-01 | DIODE | MA2J1110GLS0 | FB6719 | 1-414-793-21 | FERRITE | 0μH |
| D6504 | 6-501-817-01 | DIODE | MA2J1110GLS0 | FB6720 | 1-414-793-21 | FERRITE | 0μH |
| | | | | | | | |
| D6505 | 6-501-762-01 | DIODE | MAZ8110GOLS0 | | | | |
| D6508 | 6-501-732-01 | DIODE | MAZ8056GOLS0 | | | | |
| D6553 | 6-502-378-01 | DIODE | MA22F2000LS0 | | | | |
| D6554 | 6-502-378-01 | DIODE | MA22F2000LS0 | | | | |
| D6555 | 6-501-848-01 | DIODE | S3K60 | | | | |
| | | | | | | | |
| D6556 | 6-501-848-01 | DIODE | S3K60 | | | | |
| D6600 | 6-501-818-01 | DIODE | MA2J1130GLS0 | | | | |
| D6601 | 6-501-818-01 | DIODE | MA2J1130GLS0 | | | | |
| D6604 | 6-502-376-01 | DIODE | FSF03B60 | | | | |
| D6605 | 6-502-376-01 | DIODE | FSF03B60 | | | | |
| | | | | | | | |
| D6606 | 6-501-848-01 | DIODE | S3K60 | | | | |
| D6607 | 6-501-848-01 | DIODE | S3K60 | | | | |
| D6620 | 8-719-083-57 | DIODE | UDZSNPTE-173.6B | | | | |
| D6621 | 8-719-083-57 | DIODE | UDZSNPTE-173.6B | | | | |
| D6704 | 6-501-579-01 | DIODE | MC2837 | | | | |
| | | | | | | | |
| D6705 | 6-501-579-01 | DIODE | MC2837 | | | | |
| D6709 | 6-501-732-01 | DIODE | MAZ8056GOLS0 | | | | |
| D6710 | 6-501-732-01 | DIODE | MAZ8056GOLS0 | | | | |
| D6711 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | | | |
| D6714 | 6-501-724-01 | DIODE | MAZ8047GOLS0 | | | | |
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| D6715 | 6-501-724-01 | DIODE | MAZ8047GOLS0 | | | | |
| D6722 | 6-500-335-01 | DIODE | MC2838-T112-1 | | | | |
| D6725 | 6-500-137-01 | DIODE | BAT54HT1 | | | | |
| D6727 | 6-500-137-01 | DIODE | BAT54HT1 | | | | |
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| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|---|--------------|-------------------|--------------------|---|--------------|-------------|--------------------|
| JR6152 | 1-216-295-91 | SHORT CHIP | |  Q6552 | 6-551-336-01 | TRANSISTOR | 2SK3934(LBS1SONY.Q |
| JR6153 | 1-216-296-11 | SHORT CHIP | | Q6600 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE |
| | | | | Q6601 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE |
| JR6154 | 1-216-296-11 | SHORT CHIP | |  Q6602 | 6-551-713-01 | TRANSISTOR | 2SK3569(LBS1SONY.Q |
| JR6155 | 1-216-296-11 | SHORT CHIP | |  Q6603 | 6-551-713-01 | TRANSISTOR | 2SK3569(LBS1SONY.Q |
| JR6156 | 1-216-295-91 | SHORT CHIP | | | | | |
| JR6157 | 1-216-296-11 | SHORT CHIP | | Q6706 | 6-551-961-01 | TRANSISTOR | INK0002AC1-T130A-1 |
| JR6158 | 1-216-296-11 | SHORT CHIP | | Q6707 | 6-551-961-01 | TRANSISTOR | INK0002AC1-T130A-1 |
| COIL | | | | Q6711 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF |
| L6000 | 1-457-513-11 | LINE FILTER COIL | | Q6712 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| L6001 | 1-457-472-11 | LINE FILTER COIL | | Q6714 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| L6151 | 1-406-657-11 | INDUCTOR | 4.7μH | | | | |
| L6400 | 1-414-183-41 | INDUCTOR | 10μH | Q6717 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE |
| L6550 | 1-457-626-11 | INDUCTOR | 260μH | Q6718 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE |
| | | | | Q6719 | 8-729-055-50 | TRANSISTOR | 2SC4357-T11-1E |
| L6600 | 1-406-977-21 | INDUCTOR | 100μH | Q6720 | 8-729-055-50 | TRANSISTOR | 2SC4357-T11-1E |
| L6601 | 1-419-622-11 | COIL, LINE FILTER | | RESISTOR | | | |
| PHOTO COUPLER | | | | R6010 | 1-216-864-11 | SHORT CHIP | |
| PH6100 | 6-600-671-01 | PC123Y22FZW | | R6011 | 1-216-857-11 | METAL CHIP | 1M 5% 1/10W |
|  PH6200 | 6-600-671-01 | PC123Y22FZW | | R6012 | 1-216-864-11 | SHORT CHIP | |
| PH6300 | 6-600-671-01 | PC123Y22FZW | | R6014 | 1-208-845-11 | METAL CHIP | 430K 0.50% 1/10W |
| PH6302 | 6-600-671-01 | PC123Y22FZW | | R6015 | 1-246-389-11 | METAL CHIP | 560K 5% 1/4W |
| TRANSISTOR | | | | | | | |
|  Q6100 | 6-551-302-01 | TRANSISTOR | 2SK3561(LBS1SONY,Q | R6016 | 1-246-385-11 | WIREWOUND | 6.8 5% 8/5W |
|  Q6101 | 6-551-302-01 | TRANSISTOR | 2SK3561(LBS1SONY,Q | R6017 | 1-208-830-11 | METAL CHIP | 100K 0.50% 1/10W |
| Q6300 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE | R6018 | 1-208-846-11 | METAL CHIP | 470K 0.50% 1/10W |
| Q6302 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF | R6019 | 1-246-389-11 | METAL CHIP | 560K 5% 1/4W |
| Q6303 | 6-551-714-01 | TRANSISTOR | INK0001AC1-T112A-1 | R6100 | 1-218-885-11 | METAL CHIP | 39K 0.50% 1/10W |
| | | | | | | | |
| Q6304 | 6-551-714-01 | TRANSISTOR | INK0001AC1-T112A-1 | R6101 | 1-218-867-11 | METAL CHIP | 6.8K 0.50% 1/10W |
| Q6305 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF | R6102 | 1-218-823-11 | METAL CHIP | 100 0.50% 1/10W |
| Q6306 | 6-551-865-01 | TRANSISTOR | RT1P14BC-TP-1 | R6103 | 1-218-877-11 | METAL CHIP | 18K 0.50% 1/10W |
| Q6307 | 6-551-866-01 | TRANSISTOR | RT1N14BC-TP-1 | R6105 | 1-208-854-11 | METAL CHIP | 1M 0.50% 1/10W |
| Q6400 | 6-551-866-01 | TRANSISTOR | RT1N14BC-TP-1 | R6106 | 1-208-854-11 | METAL CHIP | 1M 0.50% 1/10W |
| | | | | | | | |
| Q6402 | 6-551-865-01 | TRANSISTOR | RT1P14BC-TP-1 | R6107 | 1-208-854-11 | METAL CHIP | 1M 0.50% 1/10W |
| Q6403 | 6-551-866-01 | TRANSISTOR | RT1N14BC-TP-1 | R6108 | 1-208-854-11 | METAL CHIP | 1M 0.50% 1/10W |
| Q6404 | 6-551-866-01 | TRANSISTOR | RT1N14BC-TP-1 | R6109 | 1-208-830-11 | METAL CHIP | 100K 0.50% 1/10W |
| Q6500 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE | R6110 | 1-216-863-11 | METAL CHIP | 3.3M 5% 1/10W |
| Q6502 | 6-551-678-01 | TRANSISTOR | 2SA1364-T111-1DE | R6111 | 1-218-887-11 | METAL CHIP | 47K 0.50% 1/10W |
| | | | | | | | |
| Q6503 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF | R6114 | 1-211-985-11 | METAL CHIP | 47 0.50% 1/10W |
| Q6504 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF |  R6115 | 1-216-009-91 | RES-CHIP | 22 5% 1/10W |
| Q6505 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF | R6116 | 1-216-009-91 | RES-CHIP | 22 5% 1/10W |
| Q6507 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF | R6117 | 1-216-833-11 | METAL CHIP | 10K 5% 1/10W |
|  Q6551 | 6-551-336-01 | TRANSISTOR | 2SK3934(LBS1SONY.Q | R6118 | 1-216-833-11 | METAL CHIP | 10K 5% 1/10W |
| | | | | | | | |
| | | | | R6120 | 1-216-361-00 | METAL OXIDE | 0.22 5% 2W |
| | | | | R6121 | 1-218-847-11 | METAL CHIP | 1K 0.50% 1/10W |
| | | | | R6123 | 1-216-361-00 | METAL OXIDE | 0.22 5% 2W |

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IP5Z


| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|--|--------------|-------------|--------|-------|-------|---|--------------|-------------|--------|-------|-------|
| R6150 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/10W | R6400 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6151 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6403 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| | | | | | | R6404 | 1-216-864-11 | SHORT CHIP | | | |
| R6152 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6406 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R6153 | 1-216-864-11 | SHORT CHIP | | | | R6407 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W |
| R6154 | 1-218-877-11 | METAL CHIP | 18K | 0.50% | 1/10W | | | | | | |
| R6156 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W | R6410 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6157 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | R6414 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| | | | | | | R6417 | 1-216-864-11 | SHORT CHIP | | | |
| R6158 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | R6418 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6159 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6421 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
|  R6200 | 1-246-188-51 | FUSIBLE | 10 | 5% | 1/2W | | | | | | |
| R6201 | 1-218-865-11 | METAL CHIP | 5.6K | 0.50% | 1/10W | R6424 | 1-216-864-11 | SHORT CHIP | | | |
| R6202 | 1-243-725-71 | METAL OXIDE | 100K | 5% | 1W | R6425 | 1-216-864-11 | SHORT CHIP | | | |
| | | | | | | R6428 | 1-216-864-11 | SHORT CHIP | | | |
| | | | | | |  R6500 | 1-220-926-81 | FUSIBLE | 0.47 | 10% | 1/2W |
| R6203 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W | R6501 | 1-218-831-11 | METAL CHIP | 220 | 0.50% | 1/10W |
| R6250 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | | | | | | |
| R6251 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W | R6502 | 1-218-831-11 | METAL CHIP | 220 | 0.50% | 1/10W |
| R6252 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | R6503 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W |
| R6253 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W | R6504 | 1-218-839-11 | METAL CHIP | 470 | 0.50% | 1/10W |
| | | | | | | R6505 | 1-218-839-11 | METAL CHIP | 470 | 0.50% | 1/10W |
| R6254 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6506 | 1-218-878-11 | METAL CHIP | 20K | 0.50% | 1/10W |
| R6255 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | | | | | | |
| R6300 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6507 | 1-245-118-91 | METAL CHIP | 2.2M | 0.50% | 1/10W |
| R6301 | 1-218-903-11 | METAL CHIP | 220K | 0.50% | 1/10W | R6508 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W |
| R6302 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W | R6509 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| | | | | | | R6510 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6303 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | R6517 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6306 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | | | | | | |
| R6307 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6521 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W |
| R6308 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | R6522 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W |
| R6309 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6523 | 1-208-846-11 | METAL CHIP | 470K | 0.50% | 1/10W |
| | | | | | | R6524 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W |
| R6310 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R6525 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W |
| R6311 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | | | | | | |
| R6314 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6526 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W |
| R6316 | 1-216-864-11 | SHORT CHIP | | | | R6527 | 1-218-907-11 | METAL CHIP | 330K | 0.50% | 1/10W |
| R6319 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R6528 | 1-218-907-11 | METAL CHIP | 330K | 0.50% | 1/10W |
| | | | | | | R6529 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6322 | 1-218-886-11 | METAL CHIP | 43K | 0.50% | 1/10W | R6531 | 1-246-388-11 | METAL | 0.1 | 5% | 5W |
| R6323 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W | | | | | | |
| R6324 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6533 | 1-246-388-11 | METAL | 0.1 | 5% | 5W |
| R6326 | 1-218-886-11 | METAL CHIP | 43K | 0.50% | 1/10W | R6534 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6329 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W | R6541 | 1-208-820-11 | METAL CHIP | 39K | 0.50% | 1/10W |
| | | | | | | R6542 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6333 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6543 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6335 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | | | | | | |
| R6336 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | R6544 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6338 | 1-216-864-11 | SHORT CHIP | | | | R6545 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6339 | 1-216-864-11 | SHORT CHIP | | | | R6546 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| | | | | | | R6547 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| | | | | | | R6548 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |


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IP5Z

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|-------------------|--------------|-------------|--------|-------|-------|-------------------|--------------|-------------|--------|-------|-------|
| R6561 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6730 | 1-218-857-11 | METAL CHIP | 2.7K | 0.50% | 1/10W |
| R6564 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W | R6733 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W |
| R6565 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W | R6736 | 1-216-864-11 | SHORT CHIP | | | |
| R6568 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6747 | 1-218-909-11 | METAL CHIP | 390K | 0.50% | 1/10W |
| R6569 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6750 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6571 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6751 | 1-218-879-11 | METAL CHIP | 22K | 0.50% | 1/10W |
| \triangle R6572 | 1-216-603-11 | METAL CHIP | 10 | 0.50% | 1/10W | R6752 | 1-218-829-11 | METAL CHIP | 180 | 0.50% | 1/10W |
| \triangle R6573 | 1-216-603-11 | METAL CHIP | 10 | 0.50% | 1/10W | R6754 | 1-218-825-11 | METAL CHIP | 120 | 0.50% | 1/10W |
| R6574 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | R6755 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6575 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | R6756 | 1-218-825-11 | METAL CHIP | 120 | 0.50% | 1/10W |
| R6576 | 1-243-550-71 | METAL OXIDE | 6.8 | 5% | 2W | R6757 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6577 | 1-243-550-71 | METAL OXIDE | 6.8 | 5% | 2W | R6758 | 1-218-825-11 | METAL CHIP | 120 | 0.50% | 1/10W |
| R6578 | 1-208-806-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6762 | 1-218-825-11 | METAL CHIP | 120 | 0.50% | 1/10W |
| R6579 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | R6763 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W |
| R6600 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | R6764 | 1-218-825-11 | METAL CHIP | 120 | 0.50% | 1/10W |
| R6601 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | R6766 | 1-216-864-11 | SHORT CHIP | | | |
| R6602 | 1-249-403-11 | CARBON | 68 | 5% | 1/4W | R6768 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W |
| R6603 | 1-249-403-11 | CARBON | 68 | 5% | 1/4W | R6771 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6604 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6773 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6605 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6776 | 1-216-864-11 | SHORT CHIP | | | |
| R6606 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6779 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6607 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6783 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W |
| R6609 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6786 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6619 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6789 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W |
| R6632 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | R6790 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6633 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | R6791 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W |
| \triangle R6700 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6792 | 1-218-905-11 | METAL CHIP | 270K | 0.50% | 1/10W |
| R6701 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R6794 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6702 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R6795 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R6703 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6796 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W |
| R6704 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6797 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6705 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6798 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W |
| R6707 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6799 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6708 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | \triangle R6804 | 1-249-381-11 | CARBON | 1 | 5% | 1/4W |
| R6714 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6805 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6715 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R6809 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R6716 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W | R6823 | 1-216-864-11 | SHORT CHIP | | | |
| R6720 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6824 | 1-216-864-11 | SHORT CHIP | | | |
| R6721 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6917 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6722 | 1-218-893-11 | METAL CHIP | 82K | 0.50% | 1/10W | R6918 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6723 | 1-218-841-11 | METAL CHIP | 560 | 0.50% | 1/10W | R6919 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6725 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | R6920 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6726 | 1-218-859-11 | METAL CHIP | 3.3K | 0.50% | 1/10W | R6921 | 1-218-911-11 | METAL CHIP | 470K | 0.50% | 1/10W |
| R6727 | 1-245-118-91 | METAL CHIP | 2.2M | 0.50% | 1/10W | | | | | | |
| R6728 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W | | | | | | |

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

IP5Z

| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|---------------------------------------|--------------|--|--------|---|--------------|-----------------------------|--------|
| <u>RELAY</u> | | | | <u>MISCELLANEOUS</u> | | | |
| RY6000 | 1-755-395-11 | RELAY (AC POWER) | |  | 1-835-143-11 | POWER-SUPPLY CORD | |
| <u>TRANSFORMER</u> | | | | | 2-580-600-01 | SCREW, +PSW M4X8 | |
| T6101 | 1-445-426-11 | CONVERTER TRANSFORMER (PIT) | | | 2-650-770-11 | SLIDE, CLAMP | |
| T6200 | 1-445-430-11 | CONVERTER TRANSFORMER (SBT) | | | 3-874-380-11 | TAPE (D4) | |
| T6800 | 1-445-419-11 | TRANSFORMER, DRIVE | | | 2-688-062-01 | TAPE (LCD) | |
| <u>THERMISTOR</u> | | | | | 7-632-452-24 | TAPE (NO.303) 18MMX35M YEL | |
| TH6300 | 1-809-789-71 | THERMISTOR, POSITIVE | | * | 2-888-494-01 | TAPE, EARTH | |
| <u>VARISTOR</u> | | | | <u>REMOTE COMMANDER</u> | | | |
| VD6000 | 1-804-996-21 | VARISTOR | (EN | | 1-480-617-11 | REMOTE COMMANDER (RM-YD023) | |
| VD6001 | 1-804-996-21 | VARISTOR | | | 9-885-117-43 | BATTERY COVER (RM-YD023) | |
| <u>ACCESSORIES AND PACKING</u> | | | | | | | |
| * | 3-287-548-11 | BAG, PROTECTION (STAND) | | | | | |
| * | 3-287-554-01 | CARTON, INDIVIDUAL (46) | | | | | |
| * | 3-287-557-01 | CUSHION, LOWER (46) | | | | | |
| * | 3-287-556-01 | CUSHION, UPPER (46) | | | | | |
| | 3-299-074-11 | FLYER, LINUX | | | | | |
| | 3-299-071-01 | FLYER, SAFETY | | | | | |
| | 3-299-072-12 | FLYER, WALL MOUNT | | | | | |
| | 3-297-698-12 | GUIDE, QUICK SETUP (ENGLISH VERSION) | | | | | |
| | 3-297-698-23 | GUIDE, QUICK SETUP (FRENCH VERSION) | | | | | |
| | 3-297-698-32 | GUIDE, QUICK SETUP (SPANISH VERSION) | | | | | |
| | 3-297-694-13 | MANUAL, INSTRUCTION (ENGLISH VERSION) | | | | | |
| | 3-297-694-22 | MANUAL, INSTRUCTION (FRENCH VERSION) | | | | | |
| | 3-297-694-32 | MANUAL, INSTRUCTION (SPANISH VERSION) | | | | | |
| | A-1552-258-A | STAND (SVC) | | | | | |
| * | 3-287-555-01 | TRAY (46) | | | | | |
| * | 3-878-708-01 | TRAY (46) | | | | | |

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Sony Technology Center
Technical Services
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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual the Circuit Board(s) containing encryption key components shall be identified with a **red outline and a **.
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component **MUST BE DESTROYED**. Boards cannot be swapped.
- 5) If a Circuit Board identified with a **red outline and a ** in the service manual is deemed to be defective:
 - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board **MUST BE RETURNED** to Sony.
 - b) and if the core charge is **NOT** covered under the product warranty, the defective un-repaired or modified board **MUST BE DESTROYED**.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a **red outline and a ** in the service manual **MUST BE DESTROYED**.

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.